

RECORD **TOOLS**

1967

CATALOGUE No.17

p o c k e t e d i t i o n

RECORD

RECORD TOOLS

CATALOGUE No. 17

C. & J. HAMPTON LTD.
SHEFFIELD S9 3BL • ENGLAND

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Subsidiary Companies: **RECORD TOOL CO LTD.**
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Associate Company

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Sheffield, England

Foreword . . .

In the successful working of wood and metal there exists an intimacy between craftsman, tool and material. Every man with pride in his work develops a critical attitude towards the choice of his tools and it is the opinion of such craftsmen that good work can only be done by using good tools which respond to the skill of the user, are comfortable to use and give reliable service.

For over 60 years it has been the aim of this Company to provide such tools for the use of the man who earns his living by his craft and the amateur who finds his leisure enjoyment in "making things".

This catalogue contains the full range of Record and Leader Hand Tools offered for use by engineers, woodworkers, pipe-fitters, plumbers and electricians. During manufacture, these tools are subject to rigorous inspection and physical test and we can, with every confidence, recommend them.

If you are in doubt about the right type and size of tool for the job, ask your Tool Dealer for his advice or write to us direct.

We are always glad to receive suggestions from craftsmen and users which may contribute to the advancement of knowledge relating to Hand Tools.

Information . . .

Prices : No prices are printed in this Catalogue. For current prices and terms reference should be made to our up to date Price List which is available on request.

Guarantee : All **Record Tools** are guaranteed against defect in material or workmanship. Any part proving defective in these respects will be replaced free of charge, but no responsibility can be accepted for consequential damage or expenses.

Orders : Orders are accepted subject to the proviso that deliveries may be wholly or partly suspended through delays caused by events beyond our control.

To ensure correct identification when ordering or specifying Record Tools, please state Tool No. and Size as shown in this Catalogue.

Complaints : Every possible care is given to the final examination and packing of all goods, but should there be any complaint please notify us at once.

Literature : Showcards and Leaflets are supplied to stockists of Record Tools to assist display and stimulate sales. Printing Blocks are available on loan if requested.

Trade Marks : "Record" is our Trade Mark officially registered in the United Kingdom and abroad, and identifies Tools of our manufacture. The word "Leader" is also officially registered by us. Our rights against infringement will be enforced.

Trade Names : Many of our Tools have by usage become known by Trade Names, as follows :—

Imp Vice.
Multi-Plane.
Three-in-one Plane.
Planecraft (book), etc.

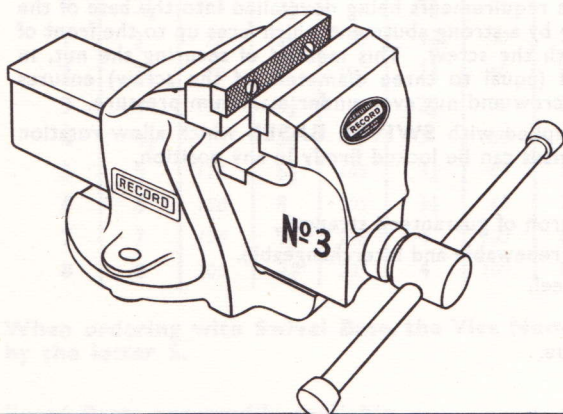
Our rights to limit the use of these words to identify Tools of our manufacture will be enforced.

The policy of the Company is one of continuous improvement and we reserve the right to change the specification of tools listed in this Catalogue without notice.

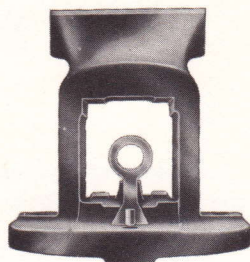
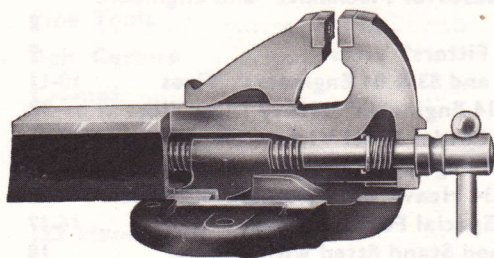
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RECORD



Description

The Record Mechanics' Vice is the most popular and widely used Plain Screw bench vice of the present day. Our long experience as vice manufacturers has led to the development of a product which combines maximum strength and rigidity with an original feature, the **UNBREAKABLE NUT**.

This nut brings the Record Mechanics' Vice up to the standard of a machine tool, the vital wearing parts of which are made for long service and are renewable should this ever be necessary.

It is important that a detachable nut be secure and rigid when in position, and the Record nut meets these requirements being dovetailed into the base of the body. All pressure is borne by a strong abutment which faces up to the front of the nut close up underneath the screw. This method of securing the nut, in addition to its long barrel (equal to three diameters of the screw) ensures constant alignment of the screw and nut even under maximum pressure.

These vices can also be supplied with **SWIVEL BASES** which allow rotation in a complete circle. The vices can be locked firmly in any position.

Materials

Body and Sliding Jaw: cast iron of guaranteed strength.

Jaw Plates: hardened steel, renewable and interchangeable.

Main Screw: high quality steel.

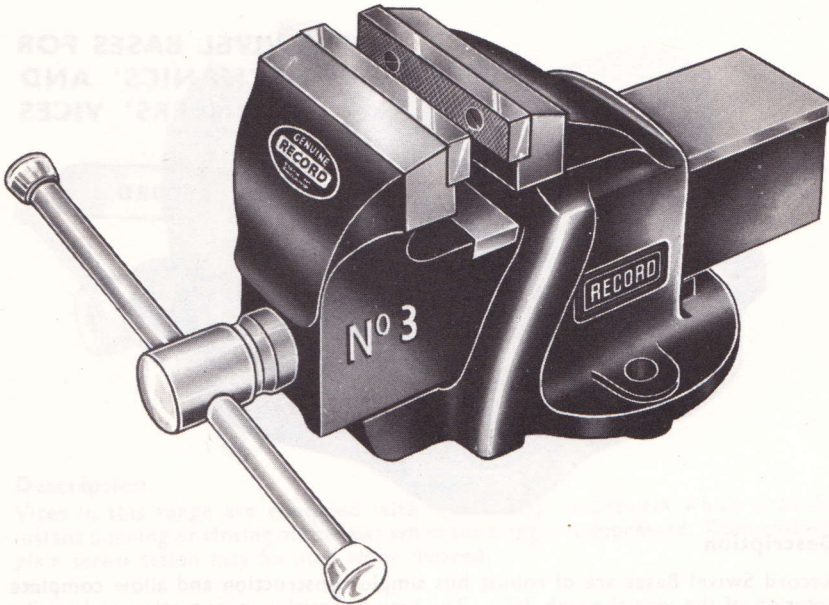
Finish

Stove enamelled Record blue.

Packing

Sizes 00, 0, 1 and 2, individually wrapped.

MECHANICS' VICES



Available with or without Swivel Base.

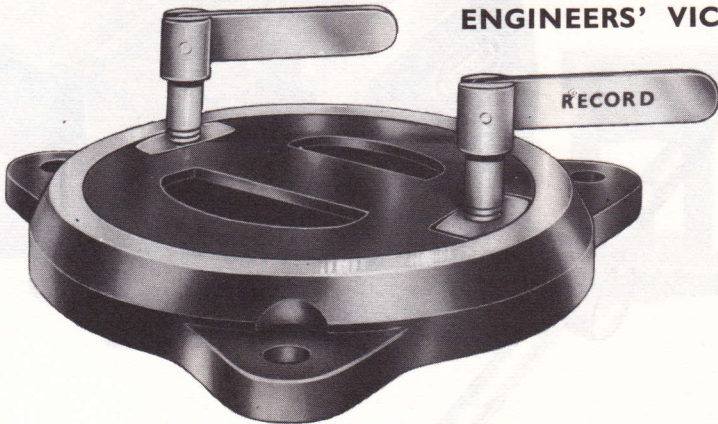
Vice No.	Width of Jaws		Opening		Depth of Jaws		Approx. Weight			
							with Stationary Base		with Swivel Base	
	inches	mm	inches	mm	inches	mm	pounds	kg	pounds	kg
00	2 $\frac{1}{4}$	60	2 $\frac{1}{4}$	60	1 $\frac{1}{2}$	38	6	2.7	8	3.6
0	2 $\frac{1}{2}$	65	2 $\frac{1}{2}$	65	1 $\frac{5}{8}$	42	8	3.6	10 $\frac{1}{2}$	4.8
1	3	75	3 $\frac{1}{4}$	85	1 $\frac{7}{8}$	50	12	5.4	15	6.8
2	3 $\frac{1}{2}$	90	4	100	2 $\frac{3}{8}$	60	22	10.0	27	12.3
3	4	100	4 $\frac{3}{4}$	120	2 $\frac{3}{4}$	70	32	14.5	41	18.6
4	4 $\frac{1}{2}$	115	5 $\frac{1}{2}$	140	3	80	41	18.6	51	23.1
5	5	125	6 $\frac{1}{2}$	165	3 $\frac{1}{4}$	85	52	23.6	62	28.1
6	6	150	8	205	3 $\frac{1}{2}$	90	70	31.8	87	39.5
7	7	175	9 $\frac{1}{4}$	235	4	100	80	36.3	97	44.0
8	8	205	9 $\frac{1}{4}$	235	4	100	84	38.1	100	45.8

When ordering with Swivel Base, the Vice Number should be followed by the letter S.

Spare Parts are readily available.

RECORD

SWIVEL BASES FOR MECHANICS' AND ENGINEERS' VICES



Description

Record Swivel Bases are of robust but simple construction and allow complete rotation of the vice through 360°. The base is positive in operation and can be firmly locked at any point by the two tightening levers.

Supplied to suit Mechanics' Vices Nos. 00 to 8, and Engineers' Vices Nos. 34 to 36, and 631 to 634. These swivel bases are made to standard dimensions and can be purchased separately.

Materials

Base and Swivel Ring: cast iron.

Tightening Levers: steel.

Finish

Enamelled Record blue.

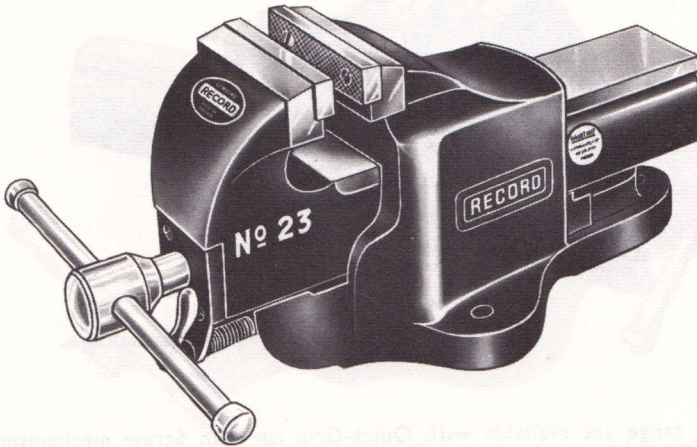
Packing

Individually cartoned.

Spare Parts are readily available.

FITTERS' VICES

QUICK-GRIP TYPE



Description

Vices in this range are equipped with Quick-Grip mechanism which provides instant opening or closing of the jaws when the trigger is depressed. Conventional plain screw action may be used when desired.

Materials

Body and Sliding Jaw: cast iron of guaranteed strength.

Jaw Plates: hardened steel, renewable and interchangeable.

Main Screw: high quality steel.

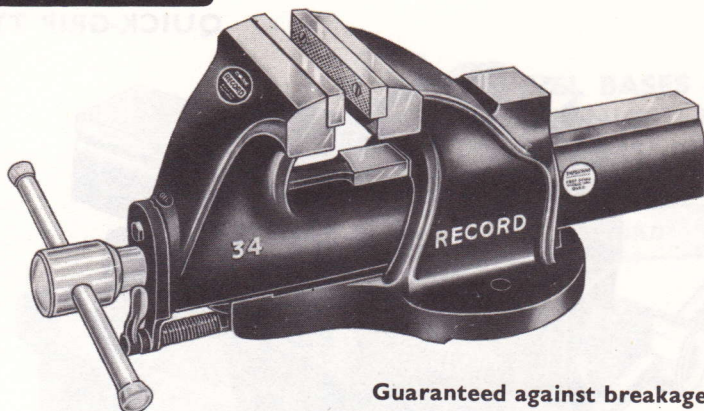
Finish

Stove enamelled Record blue.

Vice No.	Width of Jaws		Opening		Depth of Jaws		Approx. Weight	
	inches	mm	inches	mm	inches	mm	pounds	kg
21	3 $\frac{1}{4}$	80	4	100	2 $\frac{3}{8}$	60	32	14.5
22	3 $\frac{3}{8}$	95	5	125	3 $\frac{1}{8}$	80	46	20.9
23	4 $\frac{1}{4}$	110	6	150	3 $\frac{3}{8}$	85	62	28.1
24	5 $\frac{1}{4}$	135	7	180	3 $\frac{7}{8}$	100	78	35.4
25	6	150	8	205	4 $\frac{1}{2}$	115	91	41.3

Spare Parts are readily available.

RECORD



Guaranteed against breakage.

Description

Vices in this range are available with Quick-Grip or Plain Screw mechanism and are especially recommended for filing and fitting. They have ample clearance beneath the jaws to allow irregularly shaped articles to be gripped.

These vices can also be supplied with **SWIVEL BASES** which allow rotation in a complete circle. The vices can be locked firmly in any position.

Materials

Body and Sliding Jaw: high tensile pearlitic malleable iron with a strength of 30 to 35 tons per square inch (48–55 kg/mm²). **Guaranteed against breakage.**

Jaw Plates: hardened steel, renewable and interchangeable. They are secured by screws having fine threads and long taper heads to ensure rigidity.

Main Screw: high quality steel fitted with anti-friction thrust washer.

Finish

Stove enamelled Record blue.

Available with or without Swivel Base.

Quick-Grip Type

Vice No.	Width of Jaws		Opening		Depth of Jaws		Approx. Weight			
							with Stationary Base		with Swivel Base	
	inches	mm	inches	mm	inches	mm	pounds	kg	pounds	kg
34	4½	115	5	125	3	80	34	15.4	40	18.1
35	5¼	135	6	150	3½	90	46	20.9	54	24.5
36	6	150	7¼	185	4	100	63	28.6	73	33.1

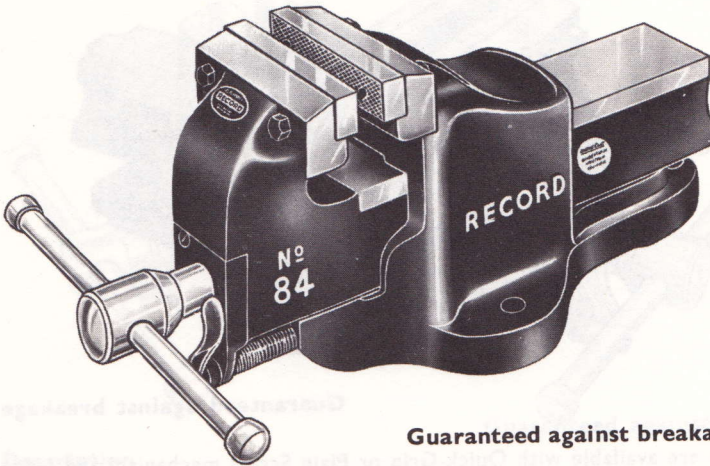
When ordering Plain Screw type, the Vice Number should be followed by the letter P.

When ordering with Swivel Base, the Vice Number should be followed by the letter S.

If both features are required use the letters PS.

Spare Parts are readily available.

ENGINEERS' VICES



Guaranteed against breakage.

Description

These Vices are ideally suitable for fitting work. They are specially designed and are recommended for a wide range of heavy duty operations. Only the Quick-Grip type is manufactured but this combines the advantages of instantaneous opening or closing with screw-all-the way action if required.

Materials

Body and Sliding Jaw: high tensile pearlitic malleable iron with a strength of 30 to 35 tons per square inch (48–55 kg/mm²). **Guaranteed against breakage.**

Jaw Plates: hardened steel, renewable and interchangeable.

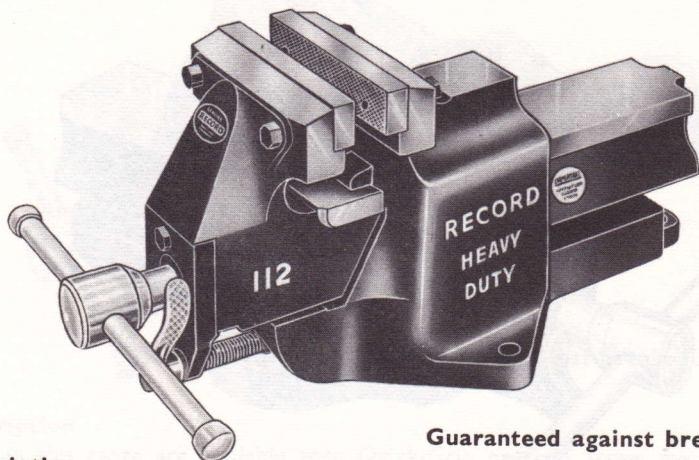
Main Screw: high quality steel fitted with anti-friction thrust washer.

Finish

Stove enamelled Record blue

Vice No.	Width of Jaws		Opening		Depth of Jaws		Approx. Weight	
	inches	mm	inches	mm	inches	mm	pounds	kg
83	3½	80	3½	95	2⅜	60	32	14.5
84	4½	115	5¾	145	3⅞	80	42	19.1

Spare Parts are readily available.

RECORD**HEAVY DUTY VICES****Guaranteed against breakage****Description**

These Vices are available with Quick-Grip or Plain Screw mechanism and being robustly designed will withstand the most arduous conditions. The well braced body and sliding jaw together with the large diameter screw, combine to provide a vice suitable for chipping, hammering, etc. **SWIVEL BASES** are not supplied for these vices.

Materials

Body and Sliding Jaw: high tensile pearlitic malleable iron with a strength of 30 to 35 tons per square inch (48-55 kg/mm²). **Guaranteed against breakage.**

Jaw Plates: hardened steel, renewable and interchangeable. They are secured by hexagon head bolts.

Main Screw: high quality steel of large diameter fitted with anti-friction thrust washer.

Finish

Stove enamelled Record blue.

Quick-Grip Type

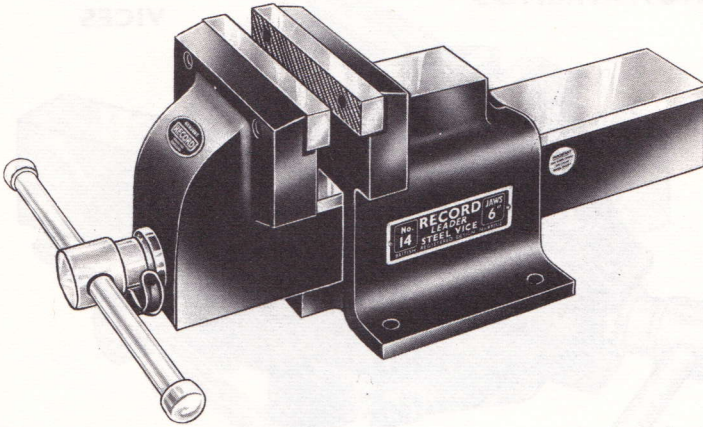
Vice No.	Width of Jaws		Opening		Depth of Jaws		Approx. Weight	
	inches	mm	inches	mm	inches	mm	pounds	kg
110	4½	115	5	125	3	80	43	19.5
111	5¼	135	6	150	3½	90	52	23.6
112	6	150	7	180	3¾	95	72	32.7
114	8	205	9	225	4½	115	90	40.8

When ordering Plain Screw type, the Vice Number should be followed by the letter P.

Spare Parts are readily available.

ENGINEERS' VICES

LEADER STEEL VICES



Guaranteed against breakage

Description

Available with either Quick-Grip or Plain Screw mechanism, the Record Leader Steel Vice is a new development in the Engineers' Vice field. Of electrically welded construction it is a heavy duty vice designed to withstand the most rigorous use.

A large surface anvil is incorporated in the body together with four point bench fixing.

SWIVEL BASES are not supplied with this range.

Materials

Body and Sliding Jaw: hot-rolled steel. **Guaranteed against breakage.**

Jaw Plates: hardened steel, secured from the rear by socket head screws, renewable and interchangeable.

Main Screw: high quality steel fitted with anti-friction thrust washer. Plain screw type has two-start thread.

Finish

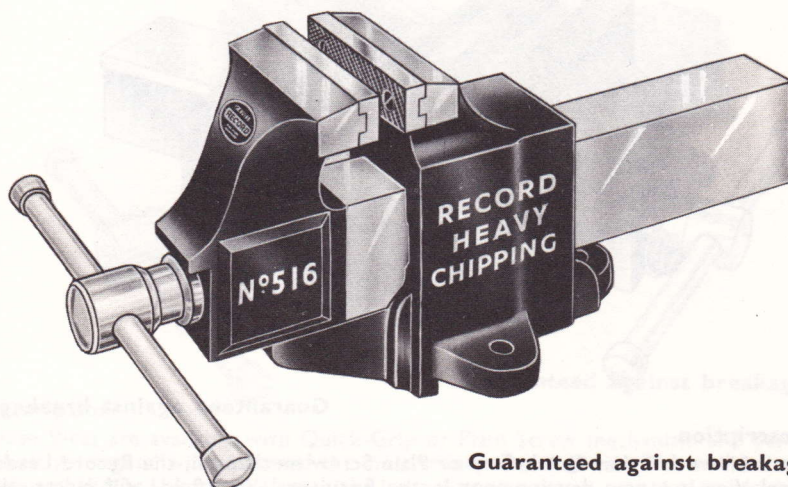
Enamelled Record blue.

Quick-Grip Type

Vice No.	Width of Jaws		Opening		Depth of Jaws		Approx. Weight	
	inches	mm	inches	mm	inches	mm	pounds	kg
12	4½	115	5	125	3	80	46	20.9
14	6	150	7	180	3½	90	60	27.2
16	8	205	9½	245	5	125	120	54.4

When ordering Plain Screw type, the Vice Number should be followed by the letter P.

Spare Parts are readily available.

RECORD**HEAVY DUTY
VICES****Guaranteed against breakage****Description**

These are Plain Screw Vices and are the heaviest and most powerful tools in the range of vices which we manufacture.

Extra deep jaw plates provide a generous gripping surface and are tenoned onto the vice, ensuring absolute rigidity.

The nut is detachable and can be renewed.

Materials

Body and Sliding Jaw: high tensile pearlitic malleable iron with a strength of 30 to 35 tons per square inch (48–55 kg/mm²). **Guaranteed against breakage.**

Jaw Plates: hardened steel of extra depth and tenoned onto the vice. They are renewable and interchangeable.

Main Screw: high quality steel fitted with anti-friction thrust washer.

Finish

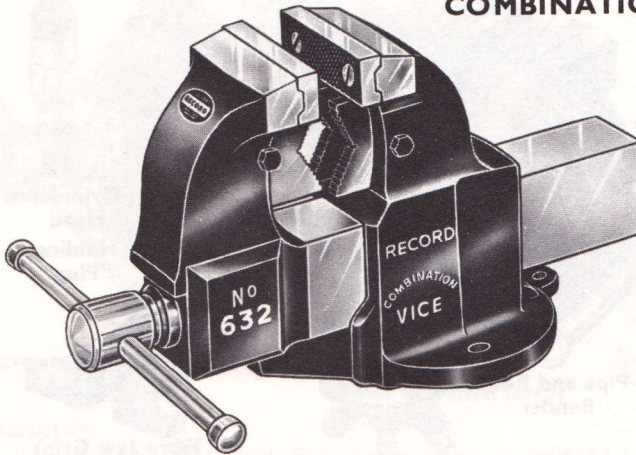
Enamelled Record blue.

Vice No.	Width of Jaws		Opening		Depth of Jaws		Approx. Weight	
	inches	mm	inches	mm	inches	mm	pounds	kg
516	6	150	10	250	4$\frac{1}{8}$	105	120	54.4
518	8	205	12	305	5	125	182	82.5

Spare Parts are readily available.

ENGINEERS' VICES

HEAVY DUTY COMBINATION VICES



Description

This Vice is a combined Bench and Pipe Vice with Plain Screw action. Extra deep jaw plates provide a large gripping surface. These are tenoned onto the vice ensuring absolute rigidity.

The nut is detachable and can be renewed.

The pipe jaws are carefully hardened and tested and can be readily detached to enable the vice to take deep work between the jaws. The front pipe jaw has teeth at both ends and is reversible.

These vices can also be supplied with **SWIVEL BASES** which allow rotation in a complete circle. The vices can be locked firmly in any position.

Materials

Body and Sliding Jaw: high duty cast iron.

Jaw Plates: hardened steel, of extra depth and tenoned onto the vice. They are renewable and interchangeable.

Pipe Jaws: tool steel, hardened and tempered. The front jaw is reversible.

Main Screw: high quality steel.

Finish

Enamelled Record blue.

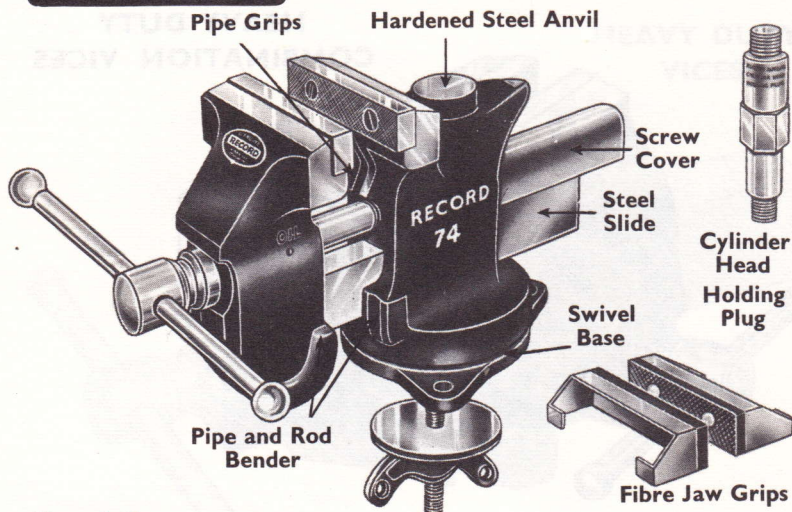
Vice No.	Will grip Pipes		Width of Vice Jaws		Approx. Weight			
					with Stationary Base		with Swivel Base	
	inches	mm	inches	mm	pounds	kg	pounds	kg
631	$\frac{1}{8}$ to $2\frac{1}{2}$	3- 65	$3\frac{1}{2}$	90	36	16.3	42	19.1
632	$\frac{1}{8}$ to $3\frac{1}{2}$	3- 90	$4\frac{1}{4}$	110	65	29.5	73	33.1
633	$\frac{1}{8}$ to $4\frac{1}{2}$	3-115	5	125	110	49.9	125	56.7
634	$\frac{1}{8}$ to 6	3-150	6	150	170	77.1	194	88.0

When ordering with Swivel Base, the Vice Number should be followed by the letter S.

Spare Parts are readily available.

RECORD

No. 74 VICE



Description

The Record No. 74 Vice with Plain Screw action is primarily a general utility tool particularly suitable for the home garage although widely used in factories and workshops. It is perhaps the most versatile of all vices and combines an outstanding number of very useful features. It can be satisfactorily secured to the bench solely by means of the **SWIVEL BASE** stud and wing nut and can be readily removed if desired.

The following special features are incorporated in the No. 74 Vice.

1. *Swivel Base* allows complete rotation of the vice which may be firmly locked at any point for convenience of working.
2. *Off-set Jaws* admit long and wide work vertically.
3. *Hardened Steel Anvil*.
4. *Pipe Grips* with removable hardened steel Front jaw.
5. *Pipe and Rod Bender*.
6. *Steel Plug* (screwed 14 mm and 18 mm sparking plug threads) for holding motor vehicle cylinder heads.
7. *Detachable Fibre Grips* to prevent damage when gripping soft or plated surfaces.

Materials

Body and Sliding Jaw: cast iron of guaranteed strength with solid steel slide bar.

Jaw Plates: hardened steel, renewable and interchangeable.

Pipe Jaws: front jaw of hardened steel.

Anvil: hardened steel.

Main Screw: high quality steel.

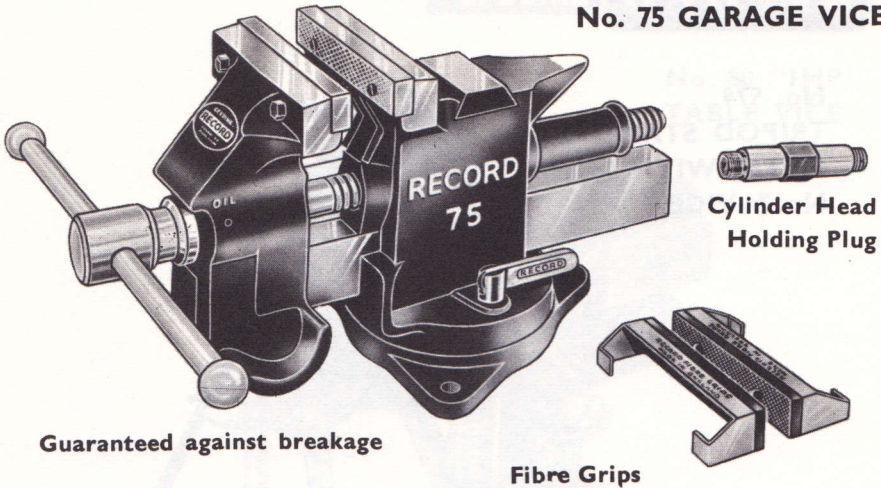
Finish Enamelled red. **Packing** Individually cartoned.

Vice No.	Width of Jaws		Opening		Pipe Jaw Capacity		Approx. Weight	
	inches	mm	inches	mm	inches	mm	pounds	kg
74	4	100	4½	115	1½ o/d	38	28	12.7

Spare Parts are readily available.

SPECIAL FEATURE VICES

No. 75 GARAGE VICE



Guaranteed against breakage

Fibre Grips

Description

The Record Garage Vice with Plain Screw action is designed to cover a wide range of uses in general garage work on heavy and light vehicles, but as with the No. 74 vice its popularity now extends to use in factories and workshops.

It is heavily built to withstand rough usage, and the solid steel slide bar gives great strength combined with ample clearance below the jaws enabling large and irregularly shaped work to be gripped.

The following special features are incorporated in the No. 75 vice.

1. Swivel Base allows complete rotation of the vice which may be firmly locked at any point for convenience of working.
2. Off-set Jaws to admit long and wide work vertically.
3. Hardened Steel Anvil.
4. Pipe Grips with removable hardened steel Front Jaw.
5. Pipe and Rod Bender.
6. Steel Plug (screwed 14 mm and 18 mm sparking plug threads) for holding motor vehicle cylinder heads.
7. Detachable Fibre Grips to prevent damage when gripping engine parts, soft or plated surfaces.

Materials

Body and Sliding Jaw: pearlitic malleable iron with solid steel slide bar.

Jaw Plates: hardened steel, renewable and interchangeable. Secured in position by hexagon head bolts.

Pipe Jaws: front jaw of hardened steel.

Anvil: hardened steel.

Main Screw: high quality steel fitted with anti-friction thrust washer.

Finish Enamelled red. Packing Individually cartoned.

Vice No.	Width of Jaws		Opening		Pipe Jaw Capacity		Approx. Weight	
	inches	mm	inches	mm	inches	mm	pounds	kg
75	5 $\frac{1}{4}$	135	7	180	2 $\frac{3}{4}$ o/d	70	51	23.1

Spare Parts are readily available.

RECORD

No. 574 TRIPOD STAND FITTED WITH A No. 74 VICE



Description

This Tripod Stand folds into a compact unit which is easily portable and is suitable for taking to the work.

The Record No. 74 Vice incorporates the following FEATURES (as fully described on page 16).

1. Swivel Base.
2. Off-set Jaws.
3. Hardened Steel Anvil.
4. Solid Steel Slide Bar.
5. Pipe Grips.
6. Pipe and Rod Bender.
7. Cylinder Head Holding Plug.
8. Detachable Fibre Grips.

Finish

Stand: enamelled Record blue.

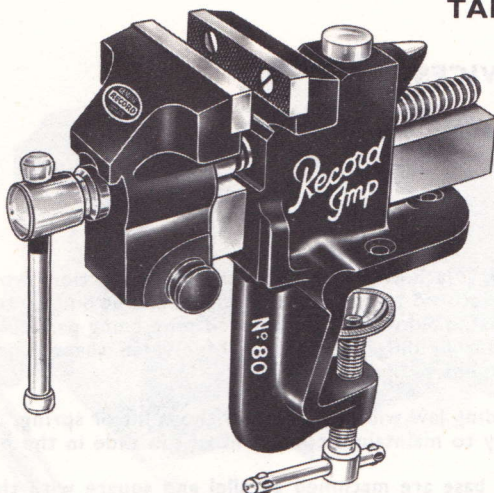
Vice: enamelled red.

Stand No.	Fitted with	Approx. Weight	
		pounds	kg
574	RECORD Vice No. 74. (see page 16)	68	30.8

Spare Parts are readily available.

SPECIAL FEATURE VICES

No. 80 "IMP" TABLE VICE



Description

A sturdy, accurate, and compact multi-purpose Vice designed for use on bench or table (may be clamped, bolted or screwed).

Ideal for light precision work, this vice has become the standard instrument makers' vice throughout the world.

The following special features are incorporated in the No. 80 Table Vice.

1. Hardened Steel Anvil.
2. Pipe Grips.
3. Pipe and Rod Bender.

Materials

Body and Front Jaw: cast iron of guaranteed strength.

Slide: steel.

Jaw Plates: hardened steel, renewable and interchangeable.

Anvil: hardened steel.

Main Screw: high quality steel with ACME thread.

Finish

Stove enamelled red.

Packing

Individually cartoned.

Vice No.	Width of Jaws		Opening		Approximate Weight	
	inches	mm	inches	mm	pounds	kg
80	2 $\frac{1}{4}$	60	2 $\frac{1}{2}$	65	4 $\frac{1}{2}$	2.0

Spare Parts are readily available.

MACHINE VICES

Description

Sturdy and rigid Machine Vices for general production work. The easily replaceable jaws secured by socket head screws can be quickly replaced with the alternative jaws listed below, the unhardened type being particularly suitable for adapting either for holding components of diverse shapes, or as a basis for efficient and inexpensive jigs.

The ram type sliding jaw will grip firmly without lift or spring. No fine adjustment is necessary to maintain a correct fit of the slide in the body of the vice.

The sides of the base are machined parallel and square with the jaw faces and extend the full length of the body. This facilitates setting on machine tables.

The nut is integral with the body ensuring perfect alignment with the main screw which is completely enclosed.

The vice is easily dismantled for cleaning.

Standard Jaws

The standard vice as normally supplied is fitted with hardened smooth-faced jaws, the body jaw having a horizontal and vertical 90° V recess on one face. Replacements are obtainable by quoting 'Standard Jaws' and Vice Number.

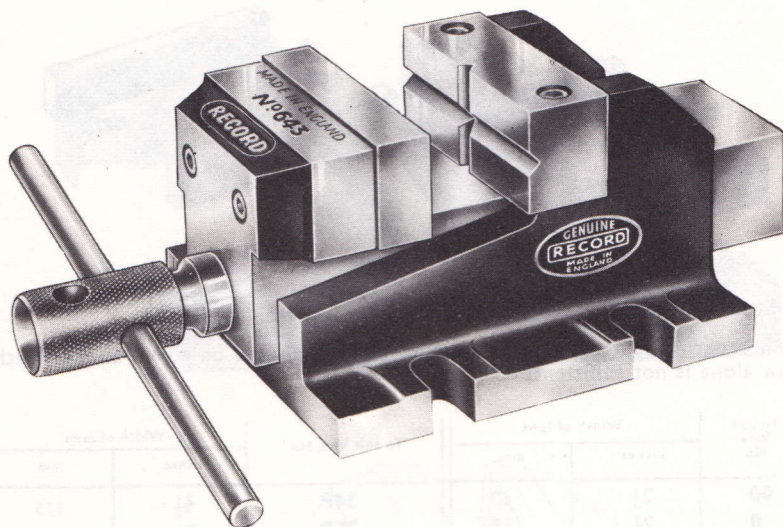
Alternative Jaws

Alternative jaws are available as follows:—

- (a) Special (non-reversible) slide and body jaws with diamond serrations on the gripping face.
- (b) Unhardened slide and body jaws having all plain faces suitable for machining and making into jigs.

When ordering these jaws specify as 'Serrated' or 'Unhardened' together with Vice Number.

MACHINE VICES



Materials

Body and Slide: close grained meehanite.

Jaws: high quality carbon steel, heat treated under close metallurgical control.
Precision ground and reversible.

Main Screw: high quality steel.

Finish

Stove enamelled Record blue.

Packing

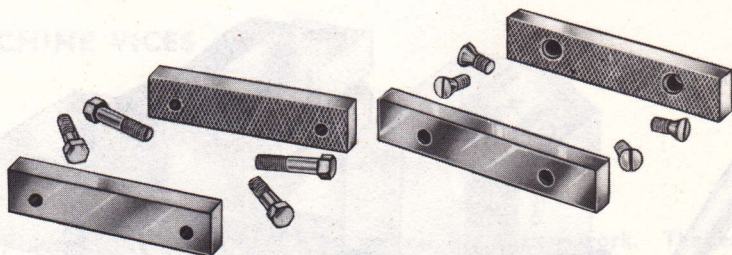
Individually cartoned.

Vice No.	Width of Jaws		Opening		Depth of Jaws		Size of Base		Slot Centres of Base		Approximate Weight	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	pounds	kg
643	3	75	2½	65	1¼	35	5½ × 4⅞	130 × 124	2½	64	12	5.4
644	4	100	3½	85	1½	40	6¾ × 6¼	172 × 159	3½	89	26	11.8
645	5	125	4	100	1¾	45	7¾ × 7½	197 × 191	4	102	41	18.6

Spare Parts are readily available.

RECORD

STEEL JAW PLATES complete with screws



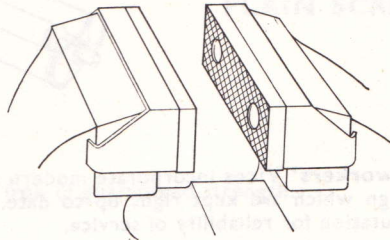
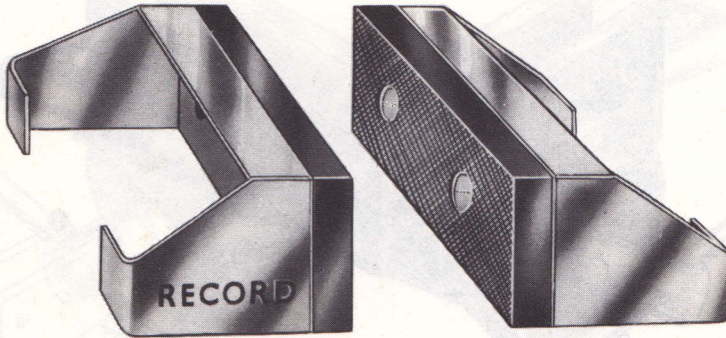
The Steel Jaw Plates of Record Vices are interchangeable.

When ordering spare jaw plates the vice number should be given, as the width of jaw alone is not sufficient.

To suit Vice No.	Width of Jaws		To suit Vice No.	Width of Jaws	
	inches	mm		inches	mm
00	2 $\frac{1}{4}$	60	34P	4 $\frac{1}{2}$	115
0	2 $\frac{1}{2}$	65	35P	5 $\frac{1}{4}$	135
1	3	75	36P	6	150
2	3 $\frac{1}{2}$	90	74	4	100
3	4	100	75	5 $\frac{1}{4}$	135
4	4 $\frac{1}{2}$	115	80	2 $\frac{1}{4}$	60
5	5	125	83	3 $\frac{1}{4}$	80
6	6	150	84	4 $\frac{1}{2}$	115
7	7	175	110	4 $\frac{1}{2}$	115
8	8	205	111	5 $\frac{1}{4}$	135
12	4 $\frac{1}{2}$	115	112	6	150
14	6	150	114	8	205
16	8	205	110P	4 $\frac{1}{2}$	115
12P	4 $\frac{1}{2}$	115	111P	5 $\frac{1}{4}$	135
14P	6	150	112P	6	150
16P	8	205	114P	8	205
21	3 $\frac{1}{4}$	80	516	6	150
22	3 $\frac{3}{4}$	95	518	8	205
23	4 $\frac{1}{4}$	110	631	3 $\frac{1}{2}$	90
24	5 $\frac{1}{4}$	135	632	4 $\frac{1}{4}$	110
25	6	150	633	5	125
34	4 $\frac{1}{2}$	115	634	6	150
35	5 $\frac{1}{4}$	135			
36	6	150			

VICE ACCESSORIES

FIBRE GRIPS



Description

These detachable Grips are made of pressed steel and are fitted with cushioned faces made of special fibre which is far more durable than either lead or copper. Soft, plated or highly polished surfaces can be firmly gripped without fear of damage.

Packing

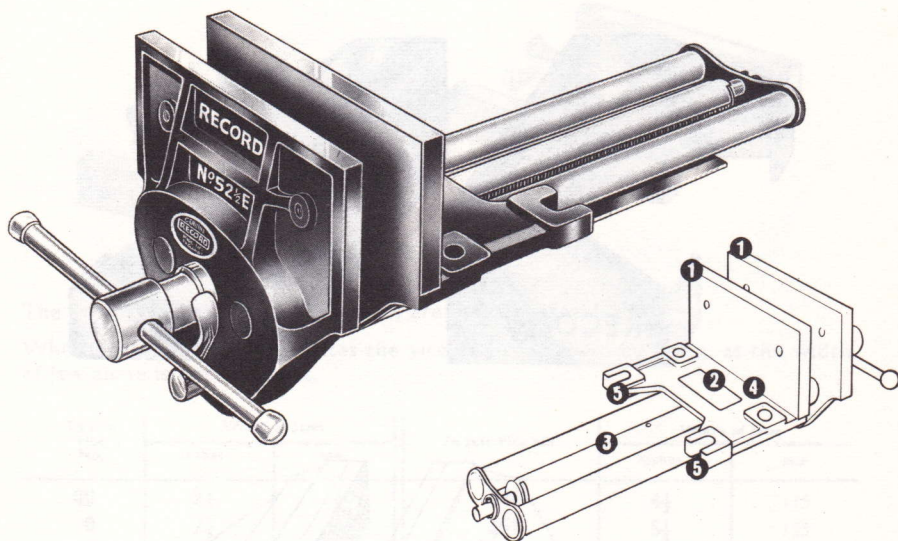
6 pairs per box.

Supplied to suit vices with width of jaws:—

inches	2 $\frac{1}{4}$	2 $\frac{1}{2}$	3	3 $\frac{1}{4}$	3 $\frac{1}{2}$	3 $\frac{3}{4}$	4	4 $\frac{1}{4}$	4 $\frac{1}{2}$	5	5 $\frac{1}{4}$	6
mm	60	65	75	80	90	95	100	110	115	125	135	150

RECORD

QUICK GRIP TYPE



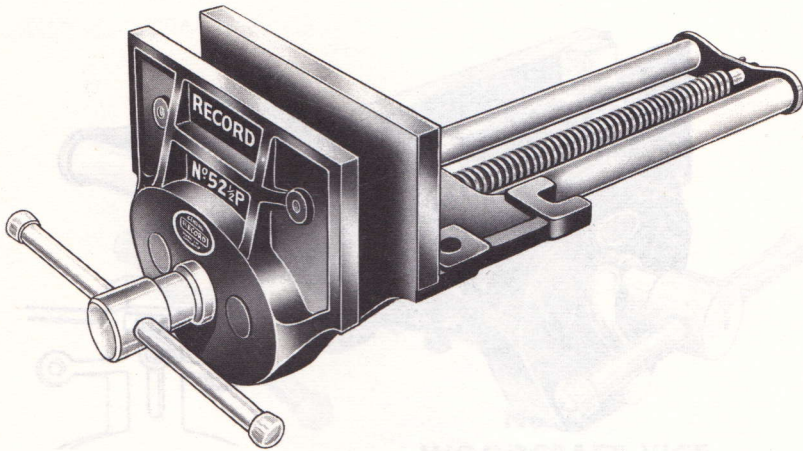
Record Woodworkers' Vices incorporate modern appearance with well tried features of design which are kept right up to date. They have established a world-wide reputation for reliability of service.

Description

The standard range of vices is available with Quick-Grip or Plain Screw mechanism. Body and sliding jaw are of robust design (1) and the slide bars work in accurately machined housings, giving a smooth sliding movement and a straight and firm grip. These bars cannot work loose and are positioned to give ample clearance for gripping large work. The body casting has been designed to exclude sawdust and dirt from the working parts (2) and on the Quick-Grip vice a cover is fitted to protect the screw (3). Special attention has been given to the design to ensure ease of fitting to the bench. There are no webs on the body thus eliminating any cutting of the bench (4) and slots are provided instead of rear bolt holes (5).

The Record Quick-Grip Vice as shown on this page has been proved over many years and is accepted as the standard dual-action vice. When the trigger is pressed the jaws will slide freely to or from the work, whilst a half turn on the handle grips or releases the work instantly. Plain Screw action may be used when desired, and the vices are also made with Plain Screw action only.

Record Woodworkers' Vices are guaranteed to meet the most arduous workshop and school conditions and to give long and dependable service.



PLAIN SCREW TYPE

Materials

Body and Sliding Jaw: cast iron of guaranteed strength.

Slide Bars: solid steel.

Main Screw: high quality steel.

Finish

Stove enamelled Record blue.

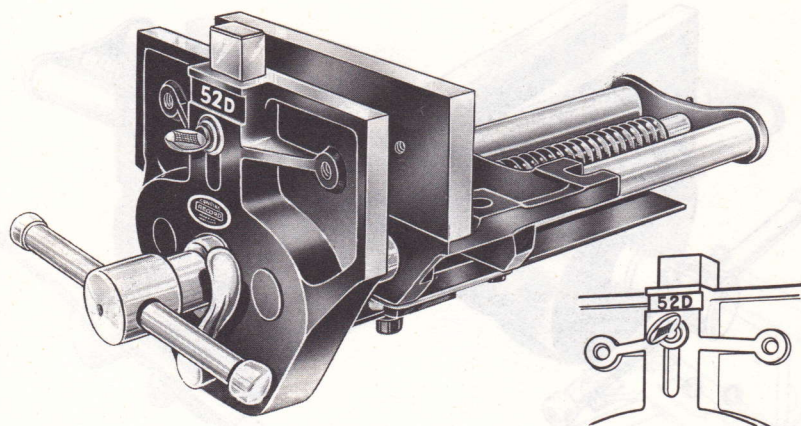
Quick-Grip Type

Vice No.	Width of Jaws		Opening		Approximate Weight	
	inches	mm	inches	mm	pounds	kg
52E	7	175	8	205	19	8.6
52½E	9	230	13	330	35	15.9
53E	10½	265	15	380	38	17.2

When ordering Plain Screw type, the letter E following the Vice Number should be replaced with the letter P.

Spare Parts are readily available.

WOODWORKERS' VICE WITH FRONT DOG



Front Dog

Description

With Quick-Grip mechanism, these Vices have all the features of the standard Woodworkers' range with the exception of the screw cover. The front jaw plate is equipped with an adjustable Dog, a feature which has proved very popular in North America, and which, when used in conjunction with a stop fixed on the bench, operates as a most useful and simple cramping device.

Materials

Body and Sliding Jaw: cast iron of guaranteed strength.

Slide Bars: solid steel.

Main Screw: high quality steel.

Front Dog: high quality steel.

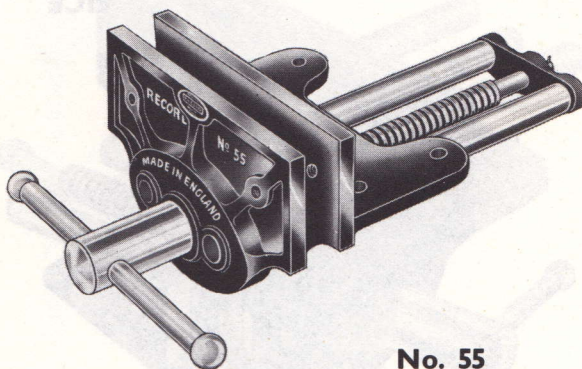
Finish

Stove enamelled Record blue.

Vice No.	Width of Jaws		Opening		Approximate Weight	
	inches	mm	inches	mm	pounds	kg
52D	7	175	8	205	20	9.1
52½D	9	230	13	330	36	16.3

Spare Parts are readily available.

WOODWORKERS' VICES



**No. 55
WOODCRAFT VICE**

Description

A Plain Screw Vice of light but robust construction the nut of which is integral with the body. An attractive vice with plated handle and screw, it is very suitable for light woodworking service and amateur workshop use.

Materials

Body and Sliding Jaw: cast iron of guaranteed strength.

Slides: solid steel.

Main Screw: high quality steel.

Finish

Body and Front Jaw: stove enamelled Record blue.

Handle, screw and slides: bright plated.

Packing

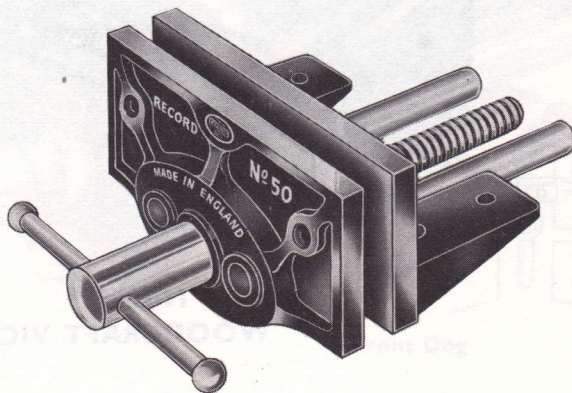
Individually cartoned.

Vice No.	Width of Jaws		Opening		Approximate Weight	
	inches	mm	inches	mm	pounds	kg
55	6½	165	6⅛	156	11	5.0

Spare Parts are readily available.

RECORD

No. 50 AMATEUR WOODWORK VICE



Description

A light Plain Screw Woodwork Vice ideally suited to the amateur workshop. It can be screwed to a bench or table and is a very attractive and popular vice for the amateur or do-it-yourself enthusiast.

Materials

Body and Sliding Jaw: cast iron of guaranteed strength.

Slides: solid steel.

Main Screw: high quality steel.

Finish

Body and Front Jaw: stove enamelled Record blue.

Handle, Screw and Slides: bright plated.

Packing

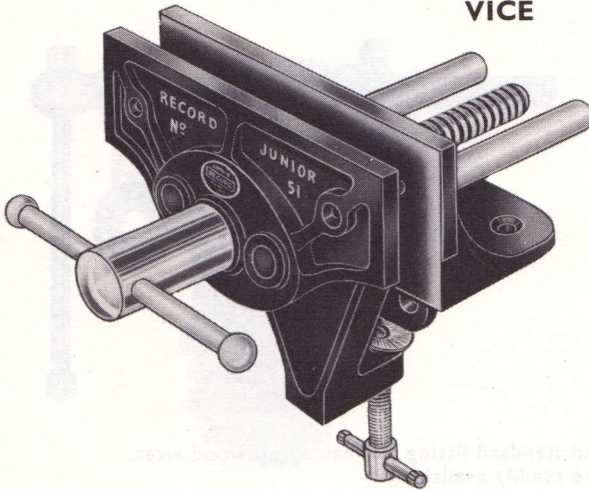
Individually cartoned.

Vice No.	Width of Jaws		Opening		Approximate Weight	
	inches	mm	inches	mm	pounds	kg
50	6	150	4½	115	6½	3.0

Spare Parts are readily available.

WOODWORKERS' VICES

No. 51 JUNIOR WOODWORKERS' VICE



Description

A handy Plain Screw Vice provided with a screw clamp which permits easy fitting to bench or table. It can be carried in a tool kit if required.

Materials

Body and Sliding Jaw: cast iron of guaranteed strength.

Slides: solid steel.

Main Screw: high quality steel.

Finish

Body and Front Jaw: stove enamelled Record blue.

Handle, Screw and Slides: bright plated.

Packing

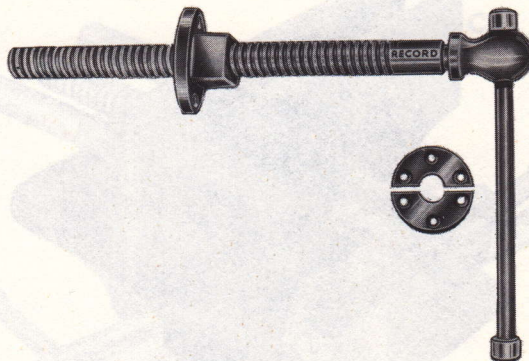
Individually cartoned.

Vice No.	Width of Jaws		Opening		Clamp Capacity		Approximate Weight	
	inches	mm	inches	mm	inches	mm	pounds	kg
51	6	150	4½	115	¾-2¼	20-60	6	2.7

Spare Parts are readily available.

RECORD

No. 165 STEEL BENCH SCREW



Description

The recognised standard fitting for making up wood vices.
Spare Parts are readily available.

Materials

Screw: solid steel forging accurately machined all over.
Nut: cast iron.
Collar: malleable iron.

Finish

Screw and Handle: bright steel.
Nut and Collar: stove enamelled Record blue.

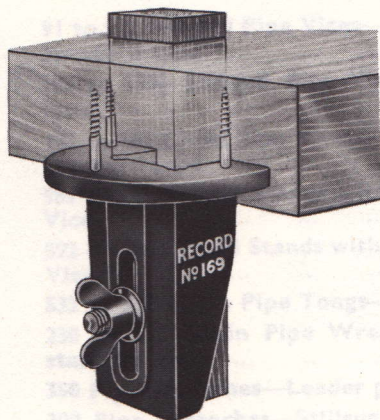
Packing

Individually wrapped.

Length Overall		Diameter of Screw		Approximate Weight	
inches	mm	inches	mm	pounds	kg
16	405	1	26	5	2.3
18	460	1 $\frac{1}{8}$	29	7 $\frac{1}{2}$	3.4
20	510	1 $\frac{1}{4}$	32	10	4.5
22	560	1 $\frac{1}{2}$	38	18	8.2

Spare Parts are readily available.

No. 169 BENCH STOP



Description

The Record Woodworkers' Bench Stop is supplied with a hardwood block of $1\frac{1}{2}'' \times 1''$ (38×26 mm) section. The bench stop is easily fixed to the underside of the bench and the block slides through a hole cut in the bench top. It is fastened in the required position by a wing-nut.

Materials

Body: cast iron.

Finish

Stove enamelled Record blue.

Packing

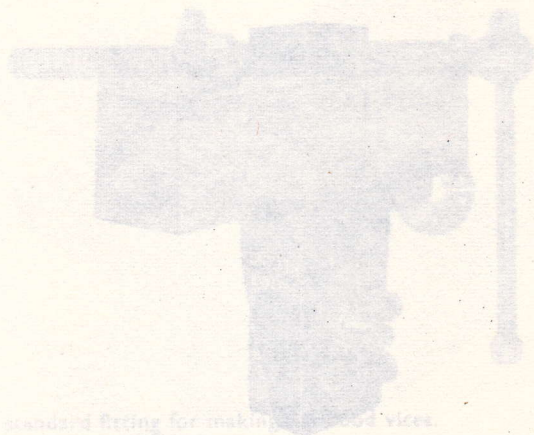
Individually cartoned.

Approx. Weight 2 pounds (.9 kg).

Spare Parts are readily available.

WOODWORKERS' BENCH STOP

WERSHNER JEETS 681 No. 169 BENCH STOP



Description

The mechanism of fitting is simple and easy to use. The bench stop is easily fixed to the underside of the bench and the block slides through a hole in the bench top. The block is locked in the required position by a screw.

Materials

The bench stop is made of cast iron. The base is made of cast iron. The post is made of cast iron. The arm is made of cast iron. The block is made of cast iron. The screw is made of steel.

Description

The Record Woodworkers' Bench Stop is supplied with a hardwood block of $1\frac{1}{2} \times 7 \times 18$ (38 x 18 mm) section. The bench stop is easily fixed to the underside of the bench and the block slides through a hole in the bench top. The block is locked in the required position by a screw.

Materials

The bench stop is made of cast iron. The base is made of cast iron. The post is made of cast iron. The arm is made of cast iron. The block is made of cast iron. The screw is made of steel.

Materials

Body: cast iron.

Finish

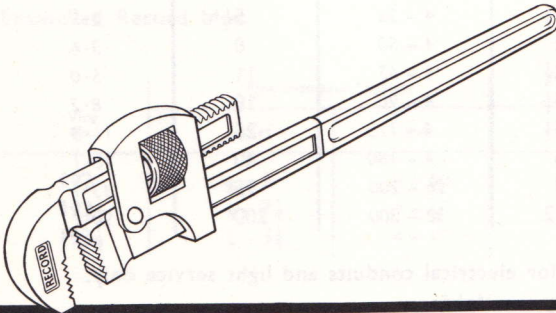
Stove enamelled Record blue.

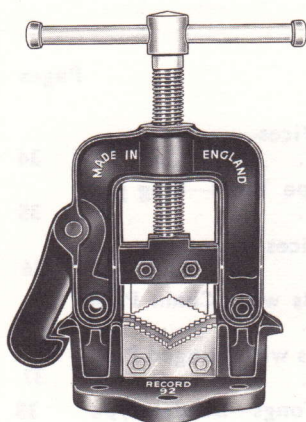
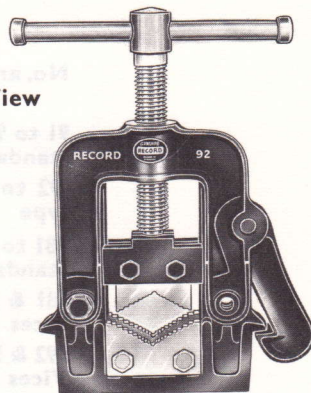
Packing		Weight		Approx. Weight (kg)	
Box	Weight	Box	Weight	Box	Weight
1	1.5	1	1.5	1	1.5
2	3.0	2	3.0	2	3.0
3	4.5	3	4.5	3	4.5
4	6.0	4	6.0	4	6.0
5	7.5	5	7.5	5	7.5
6	9.0	6	9.0	6	9.0
7	10.5	7	10.5	7	10.5
8	12.0	8	12.0	8	12.0
9	13.5	9	13.5	9	13.5
10	15.0	10	15.0	10	15.0

Spare parts are readily available. Alternative finishes are also available.

PIPE TOOLS

No. and Description	Pages
91 to 912 Hinged Pipe Vices— standard type	34
192 to 193½ Hinged Pipe Vices—long jaw type	35
181 to 184 Chain Pipe Vices— standard type	36
581 & 582 Tripod Stands with Chain Pipe Vices	37
592 & 592½ Tripod Stands with Hinged Pipe Vices	37
532 to 535 Chain Pipe Tongs—Leader type	38
230 to 216 Chain Pipe Wrenches— standard type	39
350 Pipe Wrenches—Leader pattern ...	40
300 Pipe Wrenches—Stillson pattern ...	41
101 to 107 Pipe Cutters—three-wheel pattern	42
202 to 204 Pipe Cutters—roller pattern ...	43
045 to 47 Pipe Cutters—link pattern ...	44-45
175 to 178 Pipe Welding Clamps	46



RECORD**HINGED PATTERN - STANDARD TYPE****Back View****Front View****Description**

These Pipe Vices are designed to endure the heaviest pipe work and have a self locking reversible frame which allows either right or left hand operation.

The base is provided with three bolt holes to facilitate fastening to bench or post.

Materials

Frame and Base: malleable iron. **Guaranteed against breakage.**

Jaws: best quality tool steel, accurately machined and heat treated.

Main Screw: high quality steel.

Finish

Enamelled Record blue.

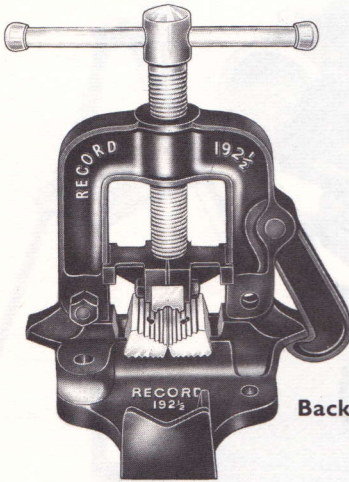
Vice No.	Pipe Diameter Capacity		Approx. Weight	
	inches	mm	pounds	kg
*91	$\frac{1}{8} - 1$	4 - 26	3	1.4
91$\frac{1}{2}$	$\frac{1}{8} - 1\frac{1}{2}$	4 - 38	5 $\frac{1}{2}$	2.5
92	$\frac{1}{8} - 2$	4 - 50	8	3.6
92$\frac{1}{2}$	$\frac{1}{8} - 2\frac{1}{2}$	4 - 65	11	5.0
93$\frac{1}{2}$	$\frac{1}{8} - 3\frac{1}{2}$	4 - 90	18	8.2
94$\frac{1}{2}$	$\frac{1}{8} - 4\frac{1}{2}$	4 - 115	25	11.3
96	$\frac{1}{8} - 6$	4 - 150	40	18.1
98	1 - 8	26 - 200	95	43.1
912	1 $\frac{1}{2}$ - 12	38 - 300	200	90.7

* No. 91 recommended for electrical conduits and light service only.

Spare parts are readily available.

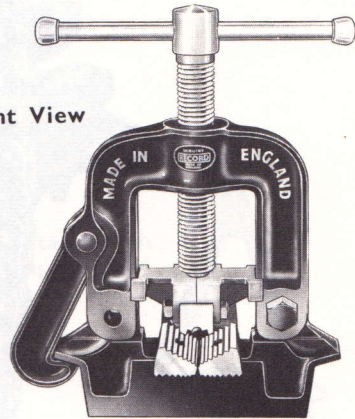
PIPE VICES

HINGED PATTERN - LONG JAW TYPE



Back View

Front View



Description

Fitted with long jaws these vices will hold pipes firmly without any crushing or bending. The bottom jaws are reversible thereby prolonging their life, and the frame may be adjusted for right or left hand working. The hook locks and holds automatically, whilst an inbuilt device is incorporated to assist the bending or straightening of pipes. The base is provided with a rest to support the pipe.

Materials

Frame and Base: malleable iron. **Guaranteed against breakage**

Jaws: best quality tool steel, accurately machined and heat treated.

Main Screw: high quality steel.

Finish

Enamelled Record blue.

Vice No.	Pipe Diameter Capacity		Approx. Weight	
	inches	mm	pounds	kg
192	$\frac{1}{8} - 2$	4 - 50	9	4.1
192$\frac{1}{2}$	$\frac{1}{8} - 2\frac{1}{2}$	4 - 65	12	5.4
193$\frac{1}{2}$	$\frac{1}{8} - 3\frac{1}{2}$	4 - 90	19	8.6

Spare parts are readily available.

RECORD**CHAIN PATTERN
STANDARD TYPE****Description**

Record Chain Pipe Vices are compact and portable and may be readily fixed to bench or post. Nos. 181 and 182 are suitable for carrying in a tool kit. The jaws are carefully hardened and tempered and are securely fixed to the base with 2 high-tensile steel bolts, making them easily replaceable. The chains are tested and guaranteed to give dependable service.

Fully guaranteed against defect in material or workmanship.

Materials

Base: drop-forged steel.

Jaws: drop-forged steel, accurately machined and heat treated.

Chains and Jaw Bolts: high-tensile steel.

Finish

Stove-enamelled Record blue.

Packing

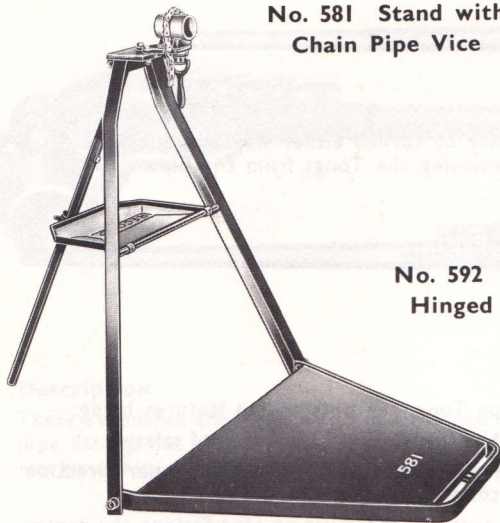
No. 181 individually cartoned.

Vice No.	Pipe Diameter Capacity		Approx. Weight	
	inches	mm	pounds	kg
181	$\frac{1}{8}$ - 2	4 - 50	4	1.8
182	$\frac{1}{4}$ - 4	7 - 100	11	5.0
183	$\frac{1}{2}$ - 6	13 - 153	19	8.6
184	$\frac{1}{2}$ - 8	13 - 200	27	12.3

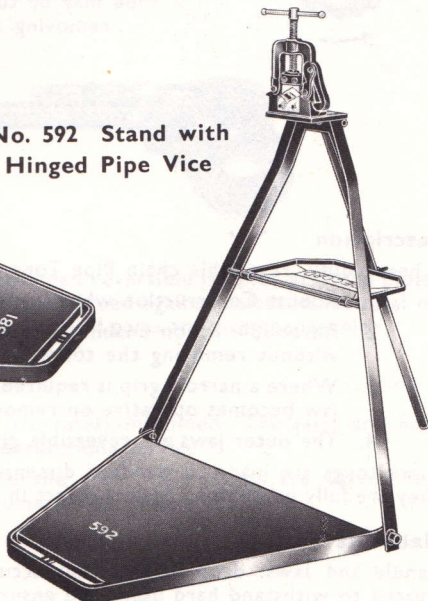
Spare parts are readily available.

TRIPOD STANDS

**No. 581 Stand with
Chain Pipe Vice**



**No. 592 Stand with
Hinged Pipe Vice**



Description

These Tripod Stands fold into compact units which are easily portable.

Finish

Enamelled Record blue.

Stand No.	Fitted with	Approx. Weight	
		pounds	kg
581	RECORD Chain Pipe Vice No. 181	38	17.2
582	RECORD Chain Pipe Vice No. 182	52	23.6
592	RECORD Hinged Pipe Vice No. 92	42	19.1
592½	RECORD Hinged Pipe Vice No. 92½	54	24.5
5192	RECORD Long Jaw Hinged Pipe Vice No. 192	44	20.0
5192½	RECORD Long Jaw Hinged Pipe Vice No. 192½	55	24.9

RECORD**CHAIN PATTERN TONGS
LEADER TYPE**

Pipe may be turned either way without removing the Tongs from the pipe.

**Description**

A heavy duty, reversible chain Pipe Tong, the outstanding features being:—

1. Robust Construction which provides a high factor of safety.
2. Reversible action enabling the pipe to be turned in either direction without removing the tongs from the pipe.
3. Where a narrow grip is required as for use on pipe fittings, the centre jaw becomes operative on removal of the outer jaws.
4. The outer jaws are reversible giving double the normal life.

These tongs are made to standard dimensions, all parts being interchangeable. They are fully guaranteed against defect in material or workmanship.

Materials

Handle and Jaws: drop forged steel, accurately machined. The jaws are heat treated to withstand hard usage and ensure long service.

Chain and Connecting Links: high-tensile steel. All chains are tested and guaranteed to the breaking strain figures given in the table.

Jaw Bolt: high-tensile steel.

Finish

Enamelled Record blue.

Tong No.	Pipe Diameter Capacity		Length Overall		Approx. Weight		Length of Chain		Chain Breaking Strain	
	inches	mm	inches	mm	pounds	kg	inches	mm	pounds	kg
532	$\frac{1}{4}$ – $2\frac{1}{2}$	7–65	27	685	11	5.0	$16\frac{1}{2}$	420	9,800	4450
533	$\frac{3}{4}$ –4	19–100	37	940	19	8.6	$20\frac{1}{2}$	520	12,600	5720
533½	1–6	25–150	$44\frac{1}{2}$	1130	28	12.7	$30\frac{1}{2}$	775	14,300	6490
534	$1\frac{1}{2}$ –8	38–200	$50\frac{1}{2}$	1285	39	17.7	37	940	15,700	7120
535	2–12	50–300	$64\frac{1}{2}$	1640	62	28.1	53	1345	21,800	9890

Spare parts are readily available.

PIPE WRENCHES

CHAIN PATTERN STANDARD TYPE



Description

These Wrenches are fitted with double ended reversible jaws for gripping pipes, pipe fittings etc. They are tested and guaranteed against defect in material or workmanship. Made to standard dimensions, all parts are interchangeable.

Materials

Handle and Jaws: drop forged steel, accurately machined. The jaws are heat treated to withstand hard usage and ensure long service.

Chain and Connecting Links: high-tensile steel. All chains are tested and guaranteed to the breaking strain figures given in the table.

Jaw Bolts: high tensile steel.

Finish

Enamelled Record blue.

Wrench No.	Pipe Diameter Capacity		Length Overall		Approx. Weight		Chain Breaking Strain	
	inches	mm	inches	mm	pounds	kg	pounds	kg
230	$\frac{1}{8} - \frac{3}{4}$	4-19	14	355	$2\frac{3}{8}$	1.1	3,500	1590
231	$\frac{1}{8} - 1\frac{1}{2}$	4-38	20	510	$5\frac{3}{4}$	2.6	6,800	3080
232	$\frac{1}{4} - 2\frac{1}{2}$	7-65	27	685	10	4.5	9,800	4450
233	$\frac{3}{4} - 4$	19-100	37	940	17	7.7	12,600	5720
233$\frac{1}{2}$	1-6	25-150	$44\frac{1}{2}$	1130	25	11.3	14,300	6490
234	$1\frac{1}{2} - 8$	38-200	$50\frac{1}{2}$	1285	35	15.9	15,700	7120
235	2-12	50-300	$64\frac{1}{2}$	1640	56	25.4	21,800	9890
*216	4-18	100-460	87	2210	147	66.7	40,000	17140

* No. 216 Wrench supplied with non-reversible jaws.

Spare parts are readily available.

RECORD**No.350 LEADER PATTERN****For heavy duty and rough handling****Description**

Designed as a heavy duty tool this Wrench will withstand rough handling and hard work. The jaw housing being an integral part of the handle increases its strength and reduces the number of parts. Careful design and accurate machining of both jaws provides an immediate and positive grip. The housing is fully guaranteed against breakage and the handle is designed for comfortable gripping. The Leader Wrench has in every case a greater capacity than the corresponding size of Stillson Wrench. All parts are made to standard dimensions and are interchangeable.

Materials

Handle: heat treated alloy casting, proof tested for strength.

Jaws: drop-forged high quality steel to a very close specification, and specially heat treated to ensure correct hardness on the teeth combined with toughness to resist bending or breakage.

Nut: heat treated steel.

Finish

Stove enamelled red.

Packing

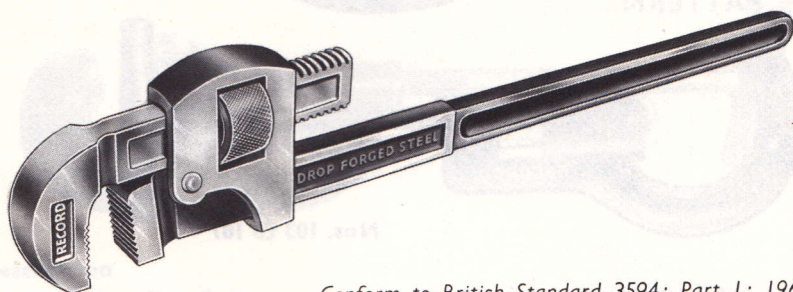
Sizes 8", 10", 14" and 18", 4 per carton.

Length when open		Pipe Diameter Capacity		Approx. Weight	
inches	mm	inches	mm	pounds	kg
8	200	1	25	1	.5
10	250	1½	38	2	.9
14	350	2	50	4	1.8
18	450	2½	65	6	2.7
24	600	3	75	10	4.5
36	900	5	125	20	9.1
48	1220	6	150	36	16.3
60	1525	8	200	47	21.3

Spare parts are readily available.

PIPE WRENCHES

No. 300 STILLSON PATTERN



Conform to British Standard 3594: Part 1: 1963

Description

Record Stillson Wrenches are guaranteed to give long and dependable service and are accepted as a standard of quality the world over. Special heat treatment processes toughen the parts and give to the gripping teeth the extra hardness necessary to withstand hard wear. All parts are made to standard dimensions and are interchangeable.

Materials

Handle and Jaws: drop-forged from high quality steel, accurately machined and heat treated.

Frame: high grade malleable iron.

Nut: heat treated steel.

Finish

Enamelled Record blue.

Packing

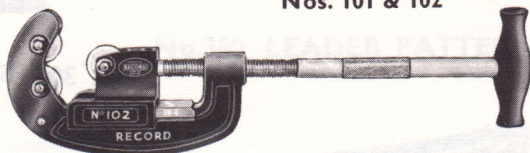
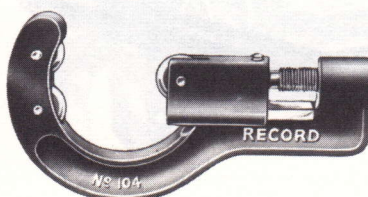
Sizes 8", 10", 12", 14" and 18", 4 per carton.

Length when open		Pipe Diameter Capacity		Approx. Weight	
inches	mm	inches	mm	pounds	kg
8	200	$\frac{3}{4}$	19	$\frac{5}{8}$	.3
10	250	1	25	$1\frac{3}{8}$	.6
12	300	$1\frac{1}{4}$	32	2	.9
14	350	$1\frac{1}{2}$	38	$2\frac{3}{4}$	1.3
18	450	2	50	$4\frac{1}{4}$	1.9
24	600	$2\frac{1}{2}$	65	$7\frac{1}{2}$	3.4
36	900	$3\frac{1}{2}$	90	$15\frac{1}{2}$	7.0
48	1220	5	125	23	10.4

Spare parts are readily available.

RECORD

Nos. 101 & 102

**THREE-WHEEL
PATTERN**

Nos. 103 to 107

Description

These Pipe Cutters are the standard **3-wheel type** and are particularly useful where it is not practicable to revolve the tool completely around the pipe. Record fast cutting wheels are an important feature where, by the use of high grade tool steel specially heat treated, it has been possible to reduce the thickness of the cutting edge without sacrificing the strength of the wheel. All Record pipe cutters are individually tested for correct tracking and are guaranteed against defect in material or workmanship. All parts including wheels and pins are interchangeable.

Material

Hook, Slide and Handle: malleable iron, accurately machined and fitted with a steel screw.

Fast Cutting Wheels: special tool steel carefully heat treated.

Finish

Enamelled Record blue.

Packing

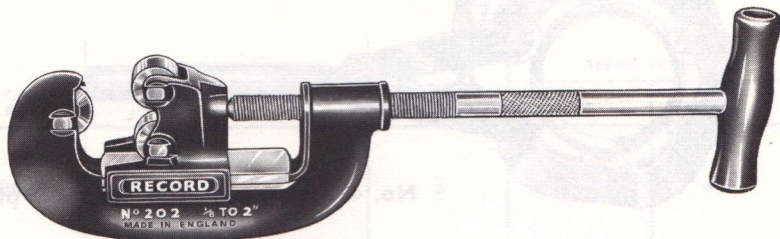
Nos. 101 and 102 individually cartoned, remaining sizes individually wrapped.

Cutter No.	Will cut Pipes diameter		Approx. Weight	
	inches	mm	pounds	kg
101	$\frac{1}{8}$ - 1	3 - 25	3	1.4
102	$\frac{1}{2}$ - 2	13 - 50	4 $\frac{1}{2}$	2.0
103	1 $\frac{1}{2}$ - 3	38 - 75	8 $\frac{1}{2}$	3.9
104	2 $\frac{1}{2}$ - 4	65 - 100	14	6.4
105	4 - 6	100 - 150	23	10.4
106	6 - 8	150 - 200	26	11.8
106$\frac{1}{2}$	8 - 10	200 - 250	35	15.9
107	9 - 12	230 - 300	51	23.1

Spare parts are readily available.

PIPE CUTTERS

ROLLER PATTERN



Description

Record Roller Pipe Cutters equipped with one fast cutting wheel and two rollers, have been designed to cut pipes square and smooth with practically no outside burr leaving them ready for threading or jointing. These cutters are robust and are designed to provide positive and fast cutting action. All parts are made to close dimensions and are interchangeable. All cutters are individually tested.

Materials

Body, Slide and Handle: malleable iron, accurately machined and fitted with a steel screw.

Fast Cutting Wheels: special tool steel, carefully heat treated.

Rollers and Pins: suitably hardened steel to resist wear.

Finish

Enamelled Record blue.

Packing

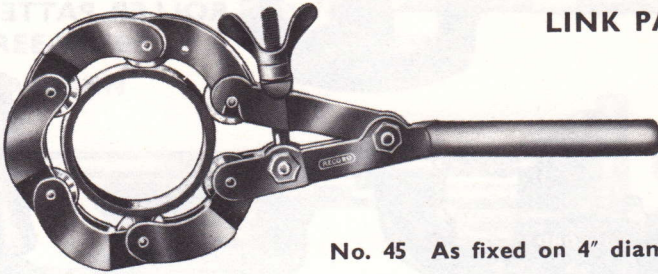
Nos. 202 and 203 individually cartoned.

Cutter No.	Will cut Pipes diameter		Approx. Weight	
	inches	mm	pounds	kg
202	$\frac{1}{8} - 2$	3 - 50	7	3.2
203	1 - 3	25 - 75	15	6.8
204	2 - 4	50 - 100	18½	8.4

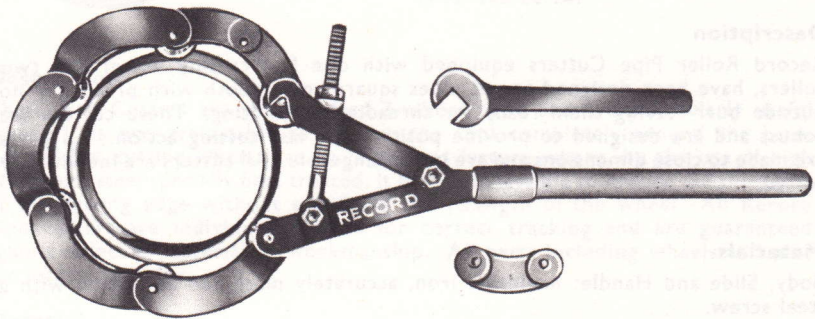
Spare parts are readily available.

RECORD

LINK PATTERN



No. 45 As fixed on 4" diameter pipe



No. 46 As fixed on 7" diameter pipe

Description

Record Link Pipe Cutters are designed for use on cast iron mains including centrifugally cast or spun pipes. When cutting pipes of chilled cast iron they are available fitted with serrated wheels. (Order as 45S, 46S or 47S. Also available with special wheels for cutting ductile iron pipes—order as T45 or T46.)

Ideal for use in trenches and similar confined spaces, with quick adjustment by addition or removal of links, wheels and pins according to requirements.

These pipe cutters are self adjusting to pipes of irregular shape.

Individually tested for cutting in line, and guaranteed against defect in material or workmanship.

All parts are interchangeable.

Materials

Links: malleable iron.

Wheels: high grade tool steel, accurately machined and heat treated.

Handle and Fork Unit: malleable iron.

Finish

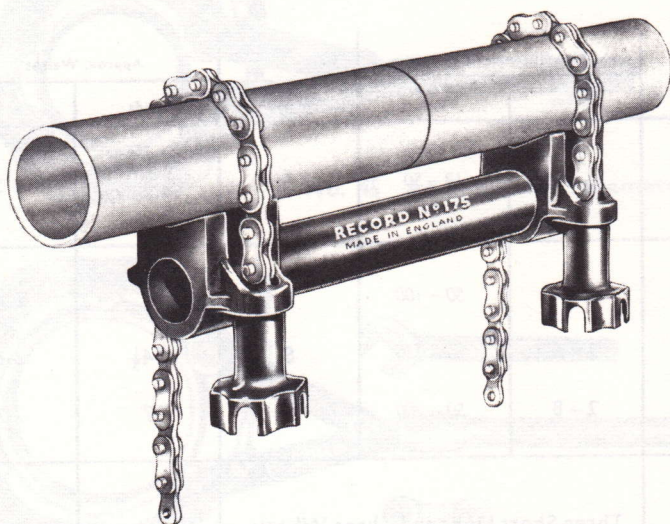
Stove enamelled Record blue.

PIPE CUTTERS

LINK PATTERN

Tool No.	Pipe Diameter Capacity		No. of Wheels	Approx. Weight	
	inches	mm		pounds	kg
045	$\frac{1}{2} - 2$	13 - 50	5	$9\frac{1}{4}$	4.2
45	2 - 4	50 - 100	6	12	5.4
	2 - 6	50 - 150	8	$14\frac{1}{2}$	6.6
	2 - 8	50 - 200	10	17	7.7
45A	Three Short Links and Three Wheels to increase the cutting range of No. 45 down to $\frac{1}{2}$ -in. (13 mm)			$2\frac{1}{2}$	1.1
46	5 - 10	125 - 250	8	25	11.3
	5 - 13	125 - 330	10	29	13.2
47 (Extra large size with two handles)	12 - 16	300 - 407	10	63	28.6
	12 - 18	300 - 460	11	66	29.9
	12 - 24	300 - 610	14	75	34.0

Spare parts are readily available

RECORD**PIPE WELDING CLAMPS****Description**

Of robust design these Clamps facilitate the setting up of pipe work preparatory to welding, and four sizes cover a range of pipes from $\frac{1}{2}$ in. (13 mm) to 10 in. (250 mm) diameter. Simple and easy in operation these clamps provide quick and positive alignment of pipes.

Materials

All parts made of steel or malleable iron.

Finish

Stove enamelled Record blue.

Packing

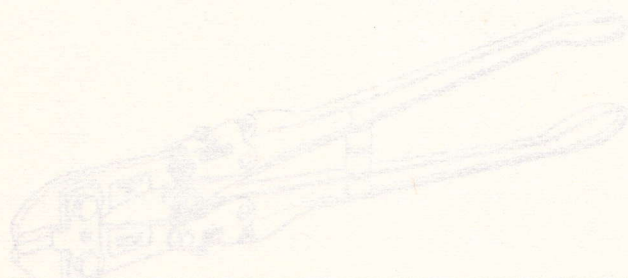
No. 175 individually cartoned, remaining sizes individually wrapped.

Clamp No.	Pipe Diameter Capacity		Overall Length		Overall Width		Overall Depth		Approx. Weight	
	inches	mm	inches	mm	inches	mm	inches	mm	pounds	kg
175	$\frac{1}{2}$ -2	13-50	$10\frac{1}{2}$	265	4	100	$4\frac{1}{8}$	105	$4\frac{1}{4}$	1.9
176	2-4	50-100	$12\frac{1}{2}$	315	5	125	5	125	8	3.6
177	4-6	100-150	14	350	$6\frac{1}{2}$	165	5	125	15	6.8
178	6-10	150-250	17	425	9	230	$6\frac{1}{4}$	160	27	12.3

Spare parts are readily available.

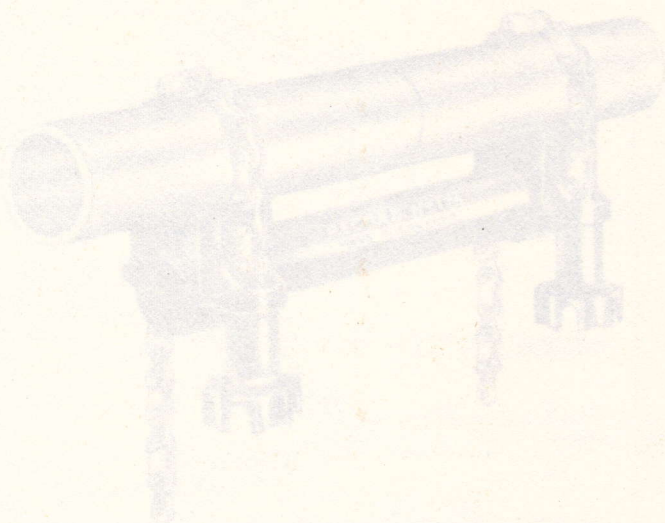
BOLT NOTES

No. and Description	Pages
910 to 942 Centre Cut	51
910H to 942H High Tension Wire and Chain Cutter	52
910F to 942F Clipper Cut	53
934A Angular Cut	53
914B to 942B End Cut	53
914W to 942W Side Not Splitter	54
924S to 942S Shear Cut	54
924CS to 942CS Cable Cutter	55
Jaw Selection Guide	56
915 Handcutter	55



NOTES

PIPE WELDING CLAMPS



Description

Of robust design these Clamps facilitate the setting up of pipe work preparatory to welding, and fasten three sizes of pipes from 1 in. (25 mm) to 30 in. (762 mm) diameter. Simple and easy in operation these clamps provide quick and positive alignment of pipes.

Materials

All parts made of steel or malleable iron.

Finish

Stove enamelled, baked blue.

Packing

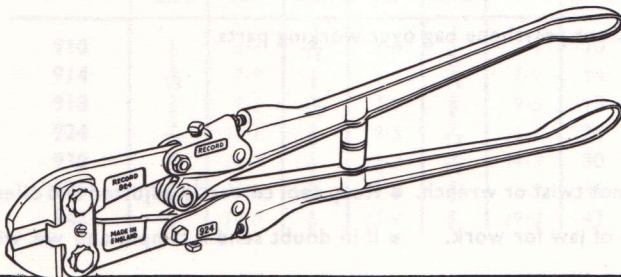
No. 175 individually cased, remaining sizes individually wrapped.

Clamp No.	Pipe Diameter Capacity		Overall Length		Overall Width		Overall Depth		Approx. Weight	
	inches	mm	inches	mm	inches	mm	inches	mm	pounds	kg
175	1-3	25-76	10 1/2	265	4	100	4 1/2	105	4 1/2	1-2
176	2-4	50-100	12 1/2	315	5	125	5	125	6	2-3
177	4-6	100-150	14	350	6 1/2	165	5	127	15	6-8
178	6-10	150-250	17	425	9	230	6 1/2	160	27	12-15

Spare parts are readily available.

BOLT CUTTERS

No. and Description	Pages
910 to 942 Centre Cut	51
910H to 942H High Tensile Wire and Chain Cutter	52
910F to 942F Clipper Cut	52
924A Angular Cut	53
914E to 936E End Cut	53
914N to 942N Side Nut Splitter	54
924S to 942S Shear Cut	54
924CS to 942CS Cable Shear	55
Jaw Selection Guide	56
915 Handicutter	55



RECORD BOLT CUTTERS are designed to cut bolts, rods, wire, wire rope, chains and to split nuts

Description

The Record Cutter is renowned for its wide range of uses both in industry and in the field. The powerful cutting action of the jaws is provided by a combination of long handle leverage together with the multiplying action of the toggle joint. This concentrates power in the small movement of the jaws and offers a mechanical advantage of 80 to 1. Frictional loss is reduced to a minimum in Record Cutters as all essential bearing surfaces are machined and ground, hardened components being fitted where necessary. High grade materials and workmanship offer a guarantee against defect. The jaws are precision ground on each side, every jaw being tested and proved before leaving the factory. The handles are drop forged and are fitted with short adjusting arms giving great strength and durability. This type of handle unit is now universal to all sizes and will accommodate all types of jaws, greatly facilitating the stocking of spare parts.

To assist in the selection of a suitable cutter, the tool and many of its applications are described in the following pages.

Centre Cut Jaws have the strongest form of cutting edge and are recommended for general use.

Expert advice is available to users of Record cutters recommending the most suitable type of jaw for the job. Samples of material should be submitted for test purposes.

Materials

Jaws: special tool steel, drop forged, machined, and heat treated under strict control.

Straps: heat treated steel.

Handles: drop forged steel.

Finish Stove enamelled Record blue.

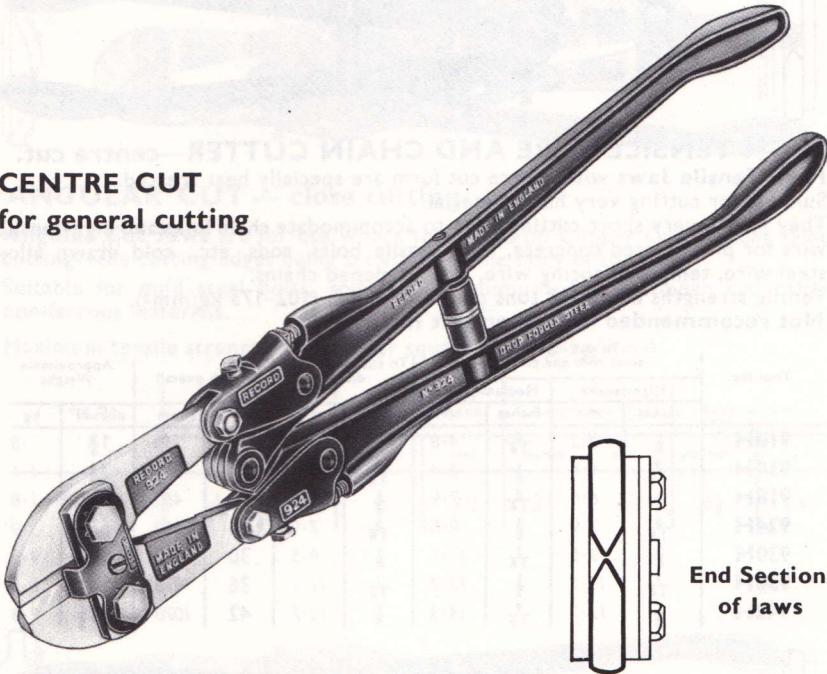
Packing Transparent polythene bag over working parts.

IMPORTANT

- Cut straight, do not twist or wrench.
- Keep tool correctly adjusted and oiled.
- Select right type of jaw for work.
- If in doubt send a sample and we will advise.
- Choose tool of ample capacity.

BOLT CUTTERS

CENTRE CUT for general cutting

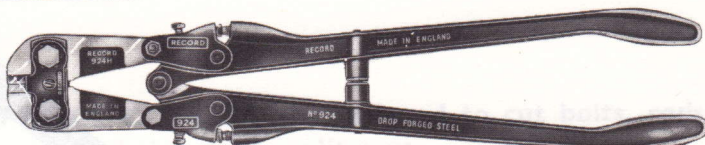


Centre Cut Jaws have the strongest form of cutting edge. Recommended for general use. Suitable for concrete reinforcing rods, medium tensile and soft bolts or rods, annealed tool steel rods or bolts, plastics, etc. Maximum tensile strength 65 tons per square inch (102 kg/mm²).

Tool No.	To cut bolts on threads diam.		Normal cutting capacities steel rods diam.				Length overall		Approximate Weight	
			Medium hard		Soft steel					
	inches	mm	inches	mm	inches	mm	inches	mm	pounds	kg
910	$\frac{1}{4}$	6.4	$\frac{3}{16}$	4.8	$\frac{1}{4}$	6.4	10	250	$1\frac{3}{4}$	.8
914	$\frac{5}{16}$	7.9	$\frac{1}{4}$	6.4	$\frac{5}{16}$	7.9	14	355	$2\frac{1}{2}$	1.1
918	$\frac{3}{8}$	9.5	$\frac{5}{16}$	7.9	$\frac{3}{8}$	9.5	18	460	4	1.8
924	$\frac{7}{16}$	11.1	$\frac{3}{8}$	9.5	$\frac{7}{16}$	11.1	24	610	$6\frac{1}{2}$	3.0
930	$\frac{9}{16}$	14.3	$\frac{1}{2}$	12.7	$\frac{9}{16}$	14.3	30	760	$10\frac{1}{2}$	4.8
936	$\frac{5}{8}$	15.9	$\frac{9}{16}$	14.3	$\frac{5}{8}$	15.9	36	915	$14\frac{1}{4}$	6.5
942	$\frac{3}{4}$	19.0	$\frac{5}{8}$	15.9	$\frac{3}{4}$	19.0	42	1070	$21\frac{1}{2}$	9.8

Spare Parts are readily available.

RECORD



HIGH TENSILE WIRE AND CHAIN CUTTER—centre cut.

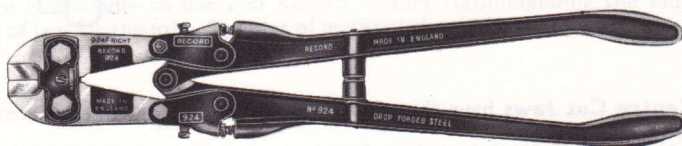
High Tensile Jaws with centre cut form are specially heat treated. Suitable for cutting very hard material.

They have a very short cutting edge to accommodate chain links and high-tensile wire for pre-stressed concrete, high tensile bolts, rods, etc., cold drawn alloy steel wire, tempered spring wire, case hardened chains.

Tensile strengths 65 to 110 tons per square inch (102–173 kg/mm²).

Not recommended for use on soft materials.

Tool No.	To cut high-tensile steel rods and chain links				To cut chain links diam.		Length overall		Approximate Weight	
	High-tensile		Medium-tensile		inches	mm	inches	mm	pounds	kg
	inches	mm	inches	mm						
910H	$\frac{1}{8}$	3.2	$\frac{3}{16}$	4.8	$\frac{1}{8}$	3.2	10	250	$1\frac{3}{4}$	.8
914H	$\frac{3}{16}$	4.8	$\frac{1}{4}$	6.4	$\frac{3}{16}$	4.8	14	355	$2\frac{1}{2}$	1.1
918H	$\frac{1}{4}$	6.4	$\frac{5}{16}$	7.9	$\frac{1}{4}$	6.4	18	460	4	1.8
924H	$\frac{5}{16}$	7.9	$\frac{3}{8}$	9.5	$\frac{5}{16}$	7.9	24	610	$6\frac{1}{2}$	3.0
930H	$\frac{3}{8}$	9.5	$\frac{7}{16}$	11.1	$\frac{3}{8}$	9.5	30	760	$10\frac{1}{2}$	4.8
936H	$\frac{7}{16}$	11.1	$\frac{1}{2}$	12.7	$\frac{7}{16}$	11.1	36	915	$14\frac{1}{4}$	6.5
942H	$\frac{1}{2}$	12.7	$\frac{9}{16}$	14.3	$\frac{1}{2}$	12.7	42	1070	$21\frac{1}{2}$	9.8



CLIPPER CUT—close cutting.

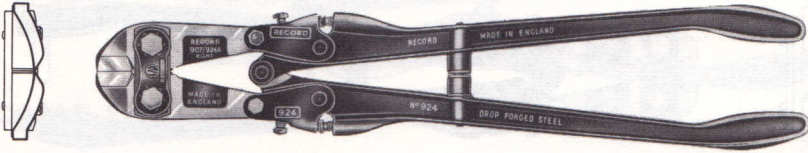
Clipper Cut Jaws are for use where close cutting is essential.

Suitable for mild steel bolts, rods, etc., aluminium, brass, copper and other non-ferrous materials. Maximum tensile strength 45 tons per square inch (71 kg/mm²).

Tool No.	To cut bolts on threads diam.		Normal cutting capacity steel rods diam.		Length overall		Approximate Weight	
	inches	mm	inches	mm	inches	mm	pounds	kg
910F	$\frac{1}{4}$	6.4	$\frac{3}{16}$	4.8	10	250	$1\frac{3}{4}$	.8
914F	$\frac{5}{16}$	7.9	$\frac{1}{4}$	6.4	14	355	$2\frac{1}{2}$	1.1
918F	$\frac{3}{8}$	9.5	$\frac{5}{16}$	7.9	18	460	4	1.8
924F	$\frac{7}{16}$	11.1	$\frac{3}{8}$	9.5	24	610	$6\frac{1}{2}$	3.0
930F	$\frac{9}{16}$	14.3	$\frac{1}{2}$	12.7	30	760	$10\frac{1}{2}$	4.8
936F	$\frac{5}{8}$	15.9	$\frac{9}{16}$	14.3	36	915	$14\frac{1}{4}$	6.5
942F	$\frac{3}{4}$	19.0	$\frac{5}{8}$	15.9	42	1070	$21\frac{1}{2}$	9.8

Spare Parts are readily available.

BOLT CUTTERS



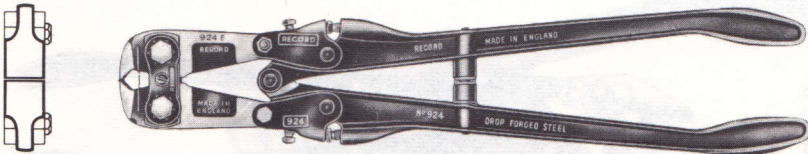
ANGULAR CUT — close cutting.

Angular Cut Jaws are for use where the straps on Clipper Cut prevent close cutting—the cutting edges being set at 30° to the body of the tool.

Suitable for mild steel bolts, rods etc., aluminium, brass, copper and other non-ferrous materials.

Maximum tensile strength 45 tons per square inch (71 kg/mm²).

Tool No.	To cut bolts on threads diam.		Normal cutting capacity steel rods diam.		Length overall		Approximate Weight	
	inches	mm	inches	mm	inches	mm	pounds	kg
924A	$\frac{7}{16}$	11.1	$\frac{3}{8}$	9.5	24	610	$6\frac{1}{2}$	3.0



END CUT—close cutting.

End Cut Jaws are “nipper” type for cutting short ends of bolts etc.

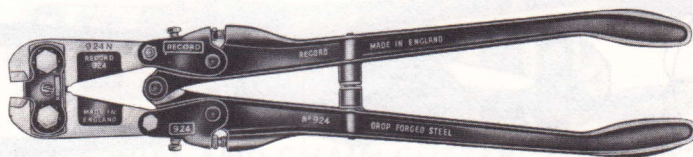
Suitable for mild steel bolts, rods, etc., aluminium, brass, copper and other non-ferrous materials.

Maximum tensile strength 45 tons per square inch (71 kg/mm²).

Tool No.	To cut bolts on threads diam.		Normal cutting capacity steel rods diam.		Length overall		Approximate Weight	
	inches	mm	inches	mm	inches	mm	pounds	kg
914E	$\frac{5}{16}$	7.9	$\frac{1}{4}$	6.4	14	355	$2\frac{1}{2}$	1.1
924E	$\frac{7}{16}$	11.1	$\frac{3}{8}$	9.5	24	610	$6\frac{1}{2}$	3.0
936E	$\frac{5}{8}$	15.9	$\frac{9}{16}$	14.3	36	915	14	6.4

Spare Parts are readily available.

RECORD



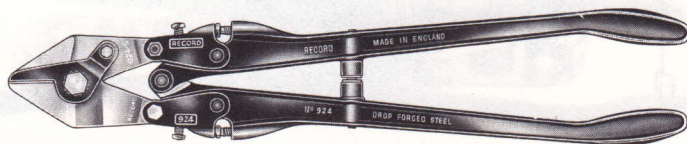
SIDE NUT SPLITTER—all types of nuts.

Side Nut Splitting Jaws are for splitting nuts along the axis of the bolt, and can be adjusted to split nuts without damage to the threads on the bolts.

Suitable for all types of solid nuts.

Maximum tensile strength 45 tons per square inch (71 kg/mm²).

Tool No.	To split nuts sizes		Length overall		Approximate Weight	
	inches	mm	inches	mm	pounds	kg
914N	$\frac{1}{4}$	6.4	14	355	$2\frac{1}{2}$	1.1
918N	$\frac{5}{16}$	7.9	18	460	4	1.8
924N	$\frac{3}{8}$	9.5	24	610	$6\frac{1}{2}$	3.0
930N	$\frac{1}{2}$	12.7	30	760	$10\frac{1}{2}$	4.8
936N	$\frac{5}{8}$	15.9	36	915	$14\frac{1}{4}$	6.5
942N	$\frac{3}{4}$	19.0	42	1070	$21\frac{1}{2}$	9.8



SHEAR CUT

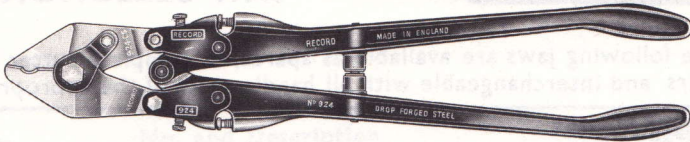
Shear Cut Jaws are specially designed to cut Flat Steel Bars and Tempered Spring Strip. Cutter Head fitted with a patent Locking Plate maintains correct Connecting Bolt adjustment and includes a Finger which keeps material at right angles to the cutting edge.

Maximum tensile strength 45–85 tons per square inch (71–134 kg/mm²).

Tool No.	Soft Flat Steel Bars 45 ton/in ² (71 kg/mm ²)		Medium Hard Steel and Tempered Spring Strip 85 ton/in ² (134 kg/mm ²)		Approximate Weights	
	inches	mm	inches	mm	pounds	kg
924S	$1\frac{1}{4} \times \frac{7}{32}$	31.8 × 5.6	$1\frac{1}{4} \times \frac{1}{8}$	31.8 × 3.2	7	3.2
936S	$1\frac{1}{2} \times \frac{9}{32}$	38.1 × 7.1	$1\frac{1}{2} \times \frac{3}{16}$	38.1 × 4.8	15	6.8
942S	$1\frac{3}{4} \times \frac{1}{32}$	44.5 × 8.7	$1\frac{3}{4} \times \frac{1}{4}$	44.5 × 6.4	23	10.4

Spare Parts are readily available.

BOLT CUTTERS



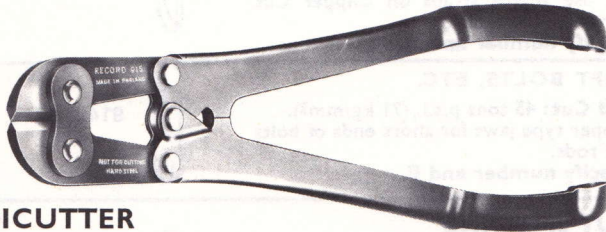
CABLE SHEAR

Cable Shear Jaws are specially designed to cut Wire Rope and Stranded High Tensile Steel Cable. Recessed jaws prevent excessive strand spreading. Cutter Head fitted with a patent Locking Plate maintains correct Connecting Bolt adjustment.

Maximum tensile strength 45, 65 and 100 tons per square inch (71, 102 and 157 kg/mm²).

Spare Parts are readily available.

Tool No.	Soft Wire Rope and Cable diam. 45 ton/in ² (71 kg/mm ²)		Medium Strength Steel Rope and Cable diam. 65 ton/in ² (102 kg/mm ²)		Stranded High Tensile Cable and Guy Wire diam. 100 ton/in ² (157 kg/mm ²)		Approximate Weights	
	inches	mm	inches	mm	inches	mm	pounds	kg
924CS	$\frac{7}{16}$	11.1	$\frac{5}{16}$	7.9	$\frac{1}{4}$	6.4	7	3.2
936CS	$\frac{9}{16}$	15.9	$\frac{7}{16}$	11.1	$\frac{3}{8}$	9.5	15	6.8
942CS	$\frac{7}{8}$	22.2	$\frac{5}{8}$	15.9	$\frac{1}{2}$	12.7	23	10.4



No. 915 HANDICUTTER

An ideal cutting tool for soft fencing and binding wires, mild steel, copper and aluminium stranded wires, plastic and plastic covered fencings, welded mesh and expanded metal mesh, etc.

Materials

Jaws: special tool steel, machined and heat treated under strict control.

Straps: high tensile steel.

Handles: high quality steel.

Packing

Individual polythene containers, 3 to a carton.

Tool No.	Soft Steel Cutting Capacity diam.		Length Overall		Approximate Weight	
	inches	mm	inches	mm	pounds	kg
915	$\frac{1}{4}$	6.4	15	381	1½	·7

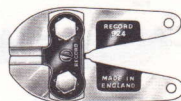
The following jaws are available as spares, as complete cutter heads, or in pairs and interchangeable with all handle units of the appropriate size.

GENERAL USE

Centre Cut: 65 tons p.s.i. (102 kg/mm²).
The strongest form of cutting edge.
Soft or medium hard rods, bolts and bars
in steel, non-ferrous or plastics, etc.,
Specify number only.



910, 914,
918, 924,
930, 936,
942

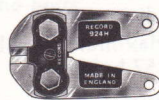


HIGH TENSILE WIRE AND CHAINS

High Tensile Cut:
65 to 110 tons p.s.i. (102–173 kg/mm²).
For heavy duty work in steel and alloy,
high tensile bolts, rods, rivets and pre-
stressed concrete wire.
Specify number and H.



910H, 914H,
918H, 924H,
930H, 936H,
942H



SOFT METALS

Clipper Cut: 45 tons p.s.i. (71 kg/mm²).
Use only when close cuts are essential.
For mild steel, soft metals and plastics.
Specify number and F.



910F, 914F,
918F, 924F,
930F, 936F,
942F



SOFT METALS

Angular Cut: 45 tons p.s.i. (71 kg/mm²).
As Clipper Cut but with jaws 30° to body.
For use where straps on Clipper Cut
prevent close cutting.
Specify number and A.



924A

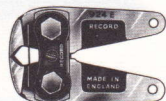


SOFT BOLTS, ETC.

End Cut: 45 tons p.s.i. (71 kg/mm²).
Nipper type jaws for short ends of bolts
and rods.
Specify number and E.



914E, 924E,
936E

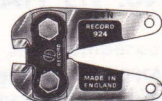


NUT SPLITTING

Side Nut Splitter: 45 tons p.s.i. (71 kg/mm²).
Splits corroded nuts along the axis of the
bolt.
Specify number and N.



914N, 918N,
924N, 930N,
936N, 942N

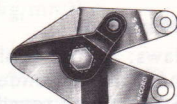


BARS AND STRIP

Shear Cut: 45–85 tons p.s.i. (71–134 kg/mm²).
Flat steel bars and tempered spring strip.
Specify number and S.



924S, 936S,
942S

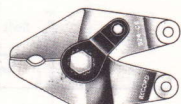


WIRE ROPE AND CABLE

Cable Shear: 45, 65 and 100 tons p.s.i.
(71, 102 and 157 kg/mm²).
Wire rope and stranded high tensile
steel cable.
Specify number and CS.

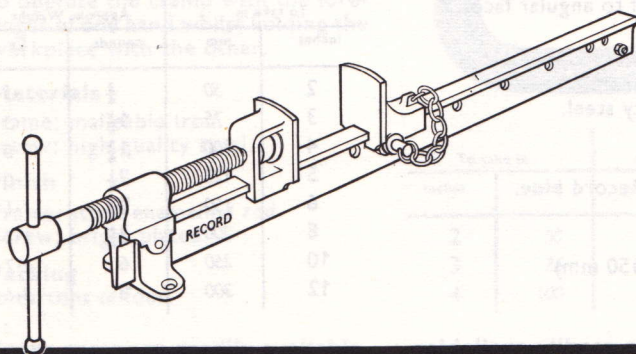


924CS, 936CS,
942CS



CRAMPS

No. and Description	Pages
119 Junior G Cramps	58
120 Ribbed G Cramps	58
122 Deep Throat G Cramps	59
127 Spingrip G Cramps	59
129 Edging Clamp	60
121 Drop Forged G Cramps	60
124 Heavy Duty Cramps	61
130 Cramp Heads	61
135 & 133 Sash Cramps	62-63
136 & 138 T-Bar Cramps	64-65
153 Flooring Cramp	66

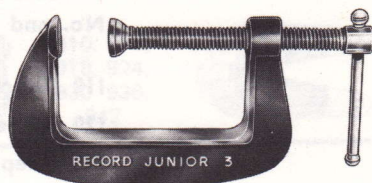


RECORD

No. 119 JUNIOR G CRAMPS for light duty

Description

A light, strong G Cramp, very popular amongst home craftsmen, boat builders, etc. Each size is fitted with a drop handle and a swivel shoe which adapts itself to angular faces.



Materials

Frame: drop forged steel.

Screw: high quality steel.

Finish

Handle, screw and frame all bright plated.

Packing

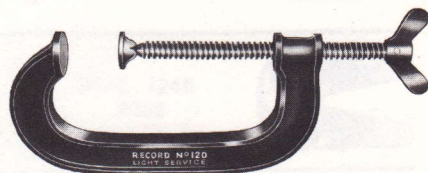
6 per carton.

To take in		Approx. Weight	
inches	mm	pounds	kg
2	50	$\frac{1}{4}$	.1
$2\frac{1}{2}$	65	$\frac{1}{2}$	.2
3	75	$\frac{3}{4}$	.3

No. 120 RIBBED G CRAMPS for light woodworking service

Description

The standard G Cramp for light woodworking service. The frame is ribbed for strength and the screw has a machine cut Acme thread. Sizes up to 8 in. (200 mm) are fitted with a wing type nut, the two larger sizes being fitted with a drop handle. All sizes are fitted with a swivel shoe which adapts itself to angular faces.



Materials

Frame: malleable iron.

Screw: high quality steel.

Finish

Stove enamelled Record blue.

Packing

Sizes up to 6 in. (150 mm) in cartons of four.

To take in		Approx. Weight	
inches	mm	pounds	kg
2	50	$\frac{3}{4}$	.3
3	75	$1\frac{1}{8}$	.5
4	100	$1\frac{3}{4}$	.8
5	125	$2\frac{1}{4}$	1.0
6	150	$2\frac{3}{8}$	1.1
8	200	$3\frac{3}{4}$	1.7
10	250	6	2.7
12	300	8	3.6

Spare parts are readily available.

CRAMPS

No. 122 DEEP THROAT G CRAMPS

Description

These light to medium duty "Long Reach" cramps are designed with a depth of throat approximately double that of the No. 120 series.

Ideal for woodworking and metalworking when gluing, soldering and welding jobs need clamping "well in from the edge" previously only possible with traditional cramps of much greater jaw capacity.

The 2" and 2½" sizes are fitted with Whitworth thread screws and the 3" and 4" sizes are fitted with Acme thread screws.

All sizes are equipped with drop handles and swivel shoes which adapt to angular faces.



Materials

Frame: malleable iron.

Screw: high quality steel.

Finish

Stove enamelled Record blue.

Packing

4 per carton.

To take in		Depth of throat (from centre of Screw)		Approx. Weight	
inches	mm	inches	mm	pounds	kg
2	50	3½	90	1	.5
2½	65	4½	115	1½	.7
3	75	4½	115	2½	1.1
4	100	4½	115	3	1.4

No. 127 SPINGRIP G CRAMPS for light duty

Description

An extremely useful and time-saving improvement to the standard No. 120 series. By means of the rotating "Spinner" wheel it is now possible to operate the cramp with the forefinger of one hand whilst holding the workpiece with the other.

PATENT No. 1020264



Materials

Frame: malleable iron.

Screw: high quality steel.

Finish

Frame: stove enamelled red.

Screw: bright plated.

Packing

In cartons of four.

To take in		Approx. Weight	
inches	mm	pounds	kg
2	50	¾	.3
3	75	1⅛	.5
4	100	1¾	.8

Spare parts are readily available.

RECORD

No. 129 EDGING CLAMP

Description

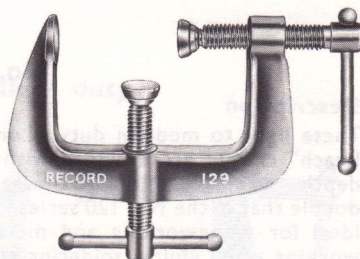
The Record 129 offers a new concept in clamping. Grips edging strips on straight or curved work where a normal clamp cannot be used yet can still be used as a conventional G Clamp when required. Fitted with drop handles and swivel shoes which adapt themselves to angular faces.

Materials

Frame: drop forged steel.
Screws: high quality steel.

Finish

All parts bright plated.



To take in		Depth of throat (from centre of Screw)		Approx. Weight	
inches	mm	inches	mm	pounds	kg
2 $\frac{3}{8}$	61	1 $\frac{1}{4}$	32	$\frac{1}{2}$	.2

Packing

Individual polythene containers,
4 to a carton.

No. 121 DROP FORGED G CRAMPS

For heavy duty

Description

Designed for heavy duty these Cramps are robust in construction and rigid in use. The screw has a unified form thread and all sizes are fitted with a drop handle and swivel shoe which adapts itself to angular faces.

Materials

Frame: drop-forged steel, heat treated to close limits.
Screw: high quality steel, accurately machined.

Finish

Stove enamelled red.



Packing

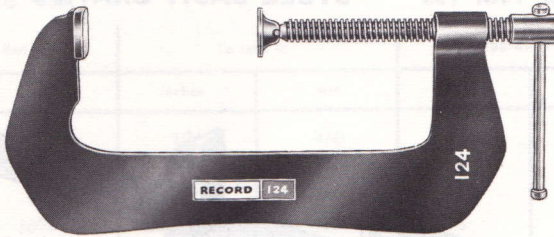
Sizes up to 4 in. (100 mm) in cartons of four.

To take in		Depth of throat (from centre of Screw)		Diameter of Screw		Approx. Weight	
inches	mm	inches	mm	inches	mm	pounds	kg
2	50	1 $\frac{3}{4}$	45	$\frac{7}{16}$	11	1 $\frac{1}{4}$	.6
3	75	2 $\frac{1}{8}$	55	$\frac{1}{2}$	14	1 $\frac{3}{4}$	.8
4	100	2 $\frac{3}{4}$	70	$\frac{5}{8}$	16	2 $\frac{1}{2}$	1.1
6	150	3 $\frac{5}{8}$	90	$\frac{3}{4}$	19	5	2.3
8	200	3 $\frac{5}{8}$	90	$\frac{3}{4}$	19	7	3.2
10	250	4	100	$\frac{3}{4}$	19	9 $\frac{1}{2}$	4.3
12	300	4 $\frac{1}{2}$	115	$\frac{7}{8}$	23	13	5.9

Spare parts are readily available.

CRAMPS

No. 124 HEAVY DUTY G CRAMPS



Description

The Record No. 124 is a heavy-duty cramp suitable for coachbuilders, general and agricultural engineers, welders, etc. All sizes are fitted with a swivel shoe which adapts itself to angular faces.

Material

Frame, Screw and Handle: high-quality steel.

Finish

Enamelled Record blue.

To take in		Depth of throat (from centre of Screw)		Diameter of Screw		Approx. Weight	
inches	mm	inches	mm	inches	mm	pounds	kg
14	355	5 $\frac{1}{4}$	135	1	26	20	9.1
18	460	5 $\frac{3}{4}$	145	1 $\frac{1}{8}$	29	35	15.9
22	560	6	150	1 $\frac{1}{4}$	32	50	22.7

Description

With a pair of Record Cramp Heads a bar cramp of any length can easily be made using a piece of timber 1 in. (26 mm) thick.

Fitted with an improved working slide, the pegs are securely fastened by welded steel chains.

Materials

Head and Slides: best quality cast iron.
Handle and Screw: high quality steel.

Finish

Stove enamelled Record blue.

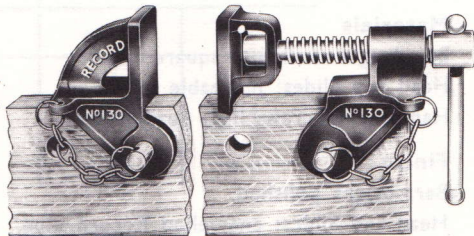
Packing

Individually cartoned.

Approx. Weight 2 $\frac{1}{2}$ pounds (1.1 kg).

No. 130 CRAMP HEADS

For use with 1" boards (26 mm)

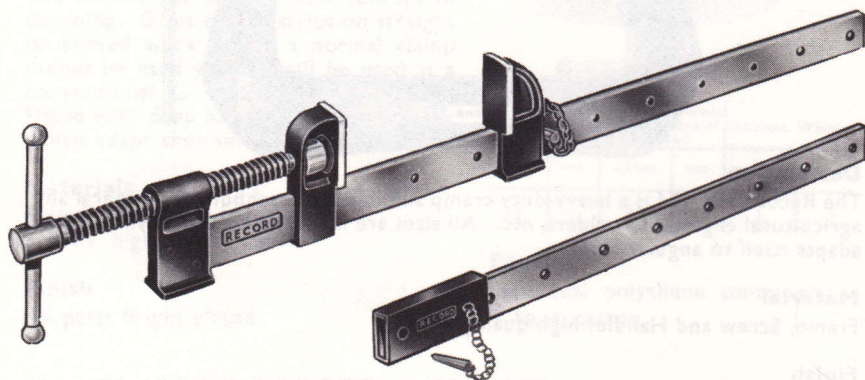


Spare parts are readily available.

RECORD

No. 135 & No. 133

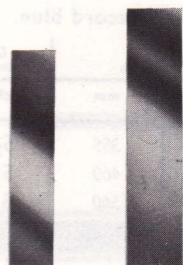
STEEL SASH CRAMPS



Bar sections - reduced scale

Left: No. 135, $1\frac{1}{4}" \times \frac{1}{4}"$ (32 mm $\times$ 6 mm)

Right: No. 133, $1\frac{1}{2}" \times \frac{5}{16}"$ (38 mm $\times$ 8 mm)



Description

These Cramps are fitted with the Record improved working slide, the principal feature of which is the incorporation of large thrust surfaces ensuring long wear and providing a reliable coupling between slide and screw. Each cramp is fitted with a bar stop to prevent accidental loss of the tail slide. Lengthening bars are available (see table).

Materials

Bar: bright steel with square edges.
Head and Slides: malleable iron.
Handle and Screw: high quality steel.

Finish

Bar: bright polished.
Head and Slides: enamelled Record blue.

Spare parts are readily available.

CRAMPS No. 135.

Length of Bar		To take in		Approx. Weight	
inches	mm	inches	mm	pounds	kg
24	610	18	460	4½	2.0
30	760	24	610	5	2.3
36	915	30	760	5½	2.5
42	1070	36	915	6	2.7
48	1220	42	1070	6½	3.0

LENGTHENING BARS No. 135, to suit above Cramps.

Length		Approx. Weight	
inches	mm	pounds	kg
24	610	3	1.4
36	915	4	1.8
48	1220	5	2.3

CRAMPS No. 133.

Length of Bar		To take in		Approx. Weight	
inches	mm	inches	mm	pounds	kg
24	610	18	460	6½	3.0
30	760	24	610	7½	3.1
36	915	30	760	8	3.6
42	1070	36	915	8¾	4.0
48	1220	42	1070	9½	4.3
54	1370	48	1220	10¼	4.7
60	1525	54	1370	11	5.0

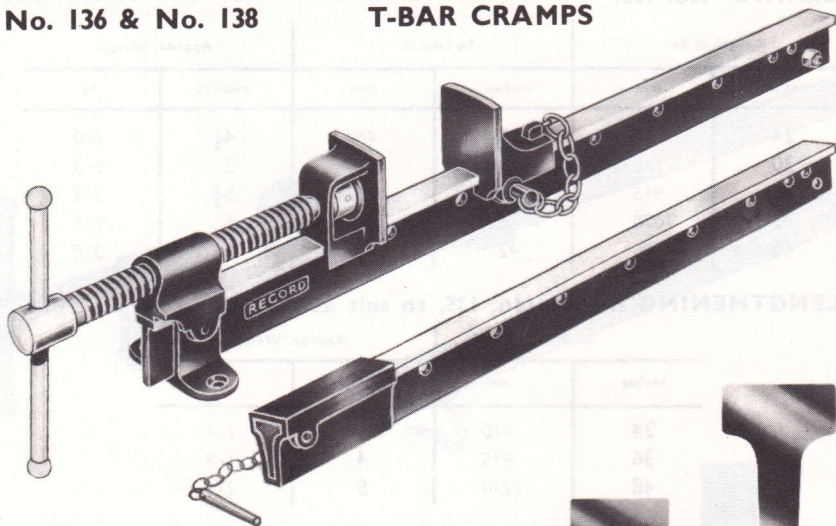
LENGTHENING BARS No. 133, to suit above Cramps.

Length		Approx. Weight	
inches	mm	pounds	kg
24	610	4½	1.9
36	915	5¾	2.6
48	1220	7½	3.3
60	1525	8¾	4.0

RECORD

No. 136 & No. 138

T-BAR CRAMPS



Bar sections - reduced scale

Left: No. 136, $1\frac{3}{4}'' \times \frac{3}{4}''$ (45 mm $\times$ 19 mm)

Right: No. 138, $2\frac{5}{8}'' \times \frac{7}{8}''$ (67 mm $\times$ 23 mm)

Description

The bars of these Cramps are made of special T-bar section steel and will not bend in use. The T edges on which the slides operate are dimensionally accurate ensuring an easy sliding movement.

Head and slides are robustly designed to match the strength of the bar.

The Record improved working slide, which incorporates large thrust surfaces, ensures long wear and a reliable coupling between slide and screw. Lengthening bars are available. (See table.)

Materials

Bar: cold drawn steel T-bar section.

Head and Slides: malleable iron.

Screw and Handle: high quality steel.

Finish

Enamelled Record blue.

Spare parts are readily available.

CRAMPS

CRAMPS No. 136.

Length of Bar		To take in		Approx. Weight	
inches	mm	inches	mm	pounds	kg
24	610	18	460	$7\frac{3}{8}$	3.4
30	760	24	610	$8\frac{1}{4}$	3.7
36	915	30	760	$9\frac{1}{8}$	4.1
42	1070	36	915	10	4.5
48	1220	42	1070	$10\frac{7}{8}$	4.9
54	1370	48	1220	$11\frac{3}{4}$	5.3
60	1525	54	1370	$12\frac{5}{8}$	5.7
66	1680	60	1525	$13\frac{1}{2}$	6.1
72	1830	66	1680	$14\frac{3}{8}$	6.5

LENGTHENING BARS No. 137, to suit above Cramps.

Length		Approx. Weight	
inches	mm	pounds	kg
24	610	$4\frac{1}{2}$	2.0
36	915	$6\frac{1}{4}$	2.8
48	1220	8	3.6
60	1525	$9\frac{3}{4}$	4.4

CRAMPS No. 138.

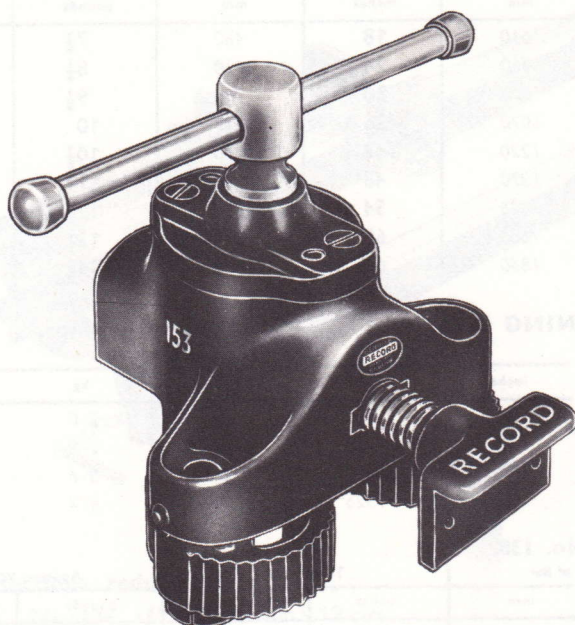
Length of Bar		To take in		Approx. Weight	
inches	mm	inches	mm	pounds	kg
36	915	30	760	17	7.7
42	1070	36	915	$18\frac{1}{2}$	8.4
48	1220	42	1070	20	9.1
54	1372	48	1220	$21\frac{1}{2}$	9.8
60	1525	54	1370	23	10.4
66	1680	60	1525	$24\frac{1}{2}$	11.1
72	1830	66	1680	26	11.8
78	1980	72	1830	$27\frac{1}{2}$	12.5
84	2135	78	1980	29	13.2

LENGTHENING BARS No. 139, to suit above Cramps.

Length		Approx. Weight	
inches	mm	pounds	kg
36	915	$11\frac{1}{4}$	5.1
48	1220	$14\frac{1}{4}$	6.5
60	1525	$17\frac{1}{4}$	7.8
72	1830	$20\frac{1}{4}$	9.2

RECORD

No. 153 FLOORING CRAMP



Description

This Cramp, though compact, light and easily portable is extremely robust. The bevel gears ensure smoothness of operation and are totally enclosed thus being protected against damage and dirt. Spring loaded cams provide a rapid action and positive grip.

Between operations the cramp may be quickly released from the joist.

Materials

Body: cast iron of guaranteed quality.

Shoe and Cams: malleable iron.

Handle, Screws and Bevel Gears: high quality material.

Finish

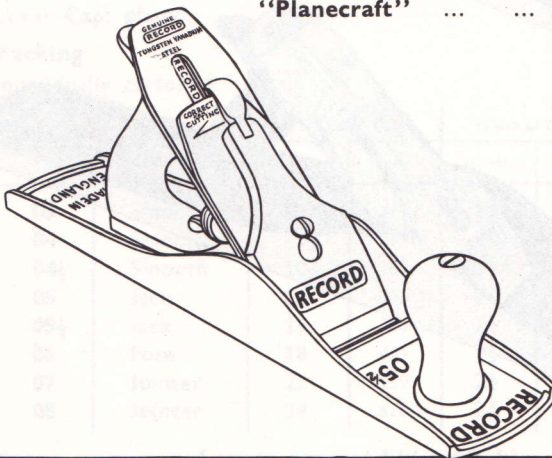
Enamelled Record blue.

Tool No.	To suit joists		Approx. Weight	
	inches	mm	pounds	kg
153	$1\frac{1}{2} - 3\frac{1}{2}$	38 - 90	$14\frac{1}{4}$	6.5

Spare parts are readily available.

PLANES

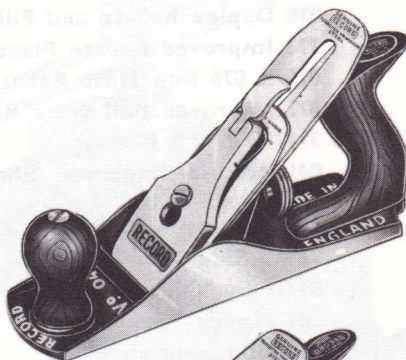
No. and Description	Pages
03 to 08 Adjustable Iron Planes ...	68-70
T5 Technical Jack Plane ...	71
078 Duplex Rebate and Fillister Plane ...	72
778 Improved Rebate Plane...	73
075 & 076 Bull Nose Rebate Planes ...	74
077 Improved Bull Nose Rebate Plane ...	75
311 "3 in 1" Plane ...	76
041 to 073 Improved Shoulder Rebate Planes ...	77
010½ & 010 Bench Rebate Planes ...	78
2506S Side Rebate Plane ...	79
043 Plough Plane ...	80-81
044 Plough Plane ...	82-83
050 Combination Plane ...	84-85
405 Multi-Plane ...	86-88
020C Circular Plane ...	89
071 Router Plane ...	90
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735 Soft and Hardboard Plane ...	93
09½ to 0220 Block Planes ...	94-95
A151 to 051 Spokeshaves ...	96-97
080 & 070 Scrapers ...	98
"Planecraft" ...	99



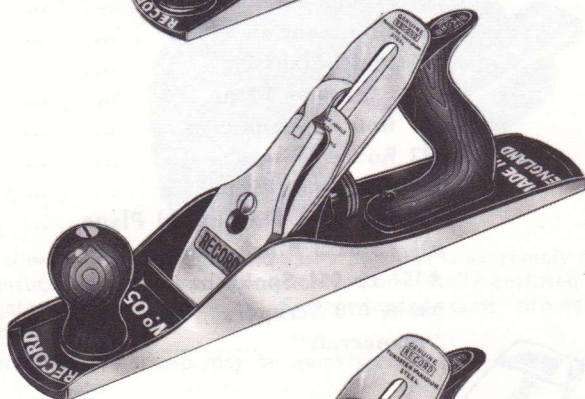
RECORD

ADJUSTABLE IRON PLANES

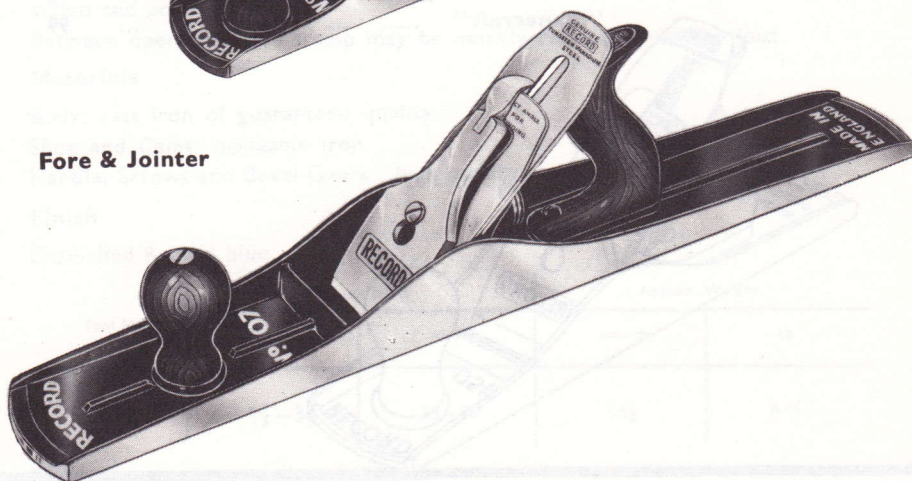
Smooth



Jack



Fore & Jointer



BENCH PLANES

Description

Record Planes are made in a comprehensive range of patterns and sizes suitable for all purposes. They embody many notable improvements and are produced throughout with the greatest care and accuracy.

An outstanding feature in all Record Adjustable Iron Planes is the Tungsten Vanadium cutting iron, the outcome of research and tests made with the object of producing a steel which will retain its fine edge and fast cutting quality on the hardest woods.

The cutting iron is hardened and tempered under scientific control which ensures accuracy and uniformity. It is precision ground all over, and is tested and guaranteed to be the right temper.

The body is ribbed to ensure strength and rigidity. The machined faces of the frog bed firmly on to similar machined faces on the body and are securely fastened in position by two frog screws which in effect makes the frog solid with the body and prevents chattering.

The parts for adjusting the cutting iron are accurately made to give very fine adjustment.

The lateral adjusting lever is fitted with a turned steel roller for smooth working.

The handle and knob are of selected hardwood and are fastened to the body by steel studs with brass cap nuts.

Materials

Body, Frog and Lever Cap: high grade cast iron.

Cutting Iron: tungsten vanadium steel.

Cap Iron: best quality steel.

Handle and Knob: selected hardwood.

Finish

Body and Frog: stove enamelled Record blue. Base and sides of body ground and polished.

Lever Cap: plated.

Packing

Individually cartoned.

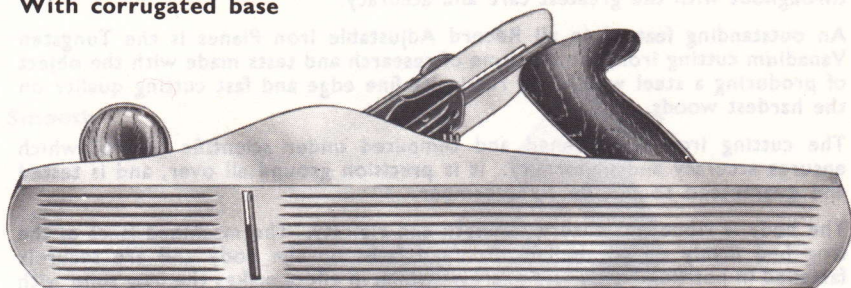
Plane No.	Type	Length		Width of Cutter		Approx. Weight	
		inches	mm	inches	mm	pounds	kg
03	Smooth	9 $\frac{1}{4}$	240	1 $\frac{3}{4}$	45	3 $\frac{1}{4}$	1.5
04	Smooth	9 $\frac{3}{4}$	245	2	50	3 $\frac{3}{4}$	1.7
04 $\frac{1}{2}$	Smooth	10 $\frac{1}{4}$	260	2 $\frac{3}{8}$	60	4 $\frac{3}{4}$	2.2
05	Jack	14	355	2	50	4 $\frac{3}{4}$	2.2
05 $\frac{1}{2}$	Jack	15	380	2 $\frac{3}{8}$	60	6	2.7
06	Fore	18	455	2 $\frac{3}{8}$	60	7	3.2
07	Jointer	22	560	2 $\frac{3}{8}$	60	8	3.6
08	Jointer	24	610	2 $\frac{3}{8}$	70	9	4.1

Spare cutters and parts are readily available.

RECORD

ADJUSTABLE IRON PLANES

With corrugated base



Similar in all respects to the standard range of Record Adjustable Iron Planes described on pages 68 and 69 but with a corrugated base the purpose of which is to minimise the possibility of suction sometimes created between the face of the board and the sole of the plane, and also to assist free movement when working with resinous timber.

Materials

Body, Frog and Lever Cap: high grade cast iron.

Cutting Iron: tungsten vanadium steel.

Cap Iron: best quality steel.

Handle and Knob: selected hardwood.

Finish

Body and Frog: stove enamelled Record blue. Base and sides of body ground and polished.

Lever Cap: plated.

Packing

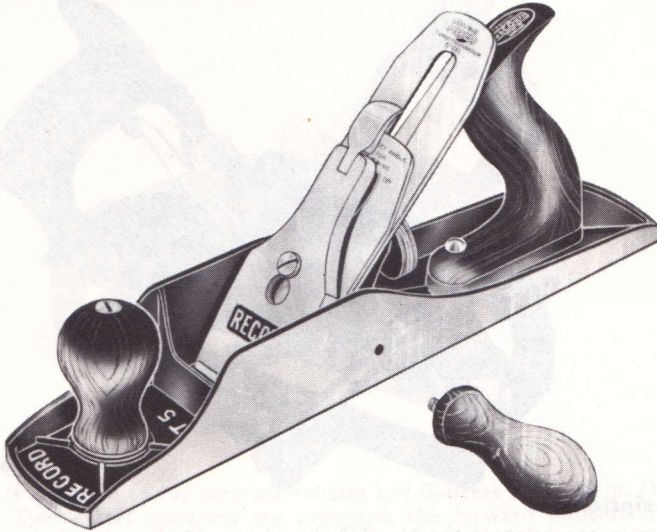
Individually cartoned.

Plane No.	Type	Length		Width of Cutter		Approx. Weight	
		inches	mm	inches	mm	pounds	kg
03C	Smooth	9 $\frac{1}{4}$	240	1 $\frac{3}{4}$	45	3 $\frac{1}{4}$	1.5
04C	Smooth	9 $\frac{3}{4}$	245	2	50	3 $\frac{3}{4}$	1.7
04$\frac{1}{2}$C	Smooth	10 $\frac{1}{4}$	260	2 $\frac{3}{8}$	60	4 $\frac{3}{4}$	2.2
05C	Jack	14	355	2	50	4 $\frac{3}{4}$	2.2
05$\frac{1}{2}$C	Jack	15	380	2 $\frac{3}{8}$	60	6	2.7
06C	Fore	18	455	2 $\frac{3}{8}$	60	7	3.2
07C	Jointer	22	560	2 $\frac{3}{8}$	60	8	3.6
08C	Jointer	24	610	2 $\frac{3}{8}$	70	9	4.1

Spare cutters and parts are readily available.

BENCH PLANES

No. T5 TECHNICAL JACK PLANE



Description

This sturdily built Jack Plane has been specially designed to meet the requirements of Schools and Technical Colleges, where conditions are arduous.

The sole casting is designed for **strength** without undue weight. It is reinforced by ribbing across the wings from an enlarged forward web. The base and sides are machine-ground for easy and accurate work.

The operation of shooting is considerably simplified by the provision of an extra handle which can be attached to either side of the plane.

Extended wings give a wide and steady bearing thus minimising the tendency for a young operator to cant the plane over.

The instructor's time spent in maintenance and the time required for grinding, sharpening and setting is but a fraction of that required on a wood jack plane.

Plane No.	Length		Width of Cutter		Approx. Weight	
	inches	mm	inches	mm	pounds	kg
T5	13	330	2	50	5	2.3

Spare cutters and parts are readily available.

RECORD

No. 078 DUPLEX REBATE AND FILLISTER PLANE



Description

Similar in operation to the No. 778 this plane will also cut rebates and fillisters up to $1\frac{1}{2}$ in. (38 mm) in width. With the cutter in the forward position the plane may be used for bull nose work, and when in the rear position adjustment to the cutter is provided by a lever.

Fitted with a hardened steel spur for cross grain work and an adjustable depth gauge which can be removed from the plane if desired.

The single arm adjustable fence supplied may be used on either side of the plane.

Base and sides are ground and polished.

A comprehensive instruction booklet is provided with each plane.

Materials

Body and Fence: high grade cast iron.

Cutter: tungsten vanadium steel.

Finish

Stove enamelled Record blue.

Packing

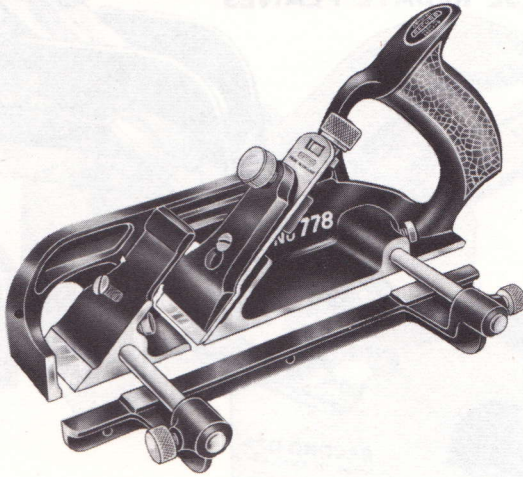
Individually cartoned.

Plane No.	Length		Width of Cutter		Approx. Weight	
	inches	mm	inches	mm	pounds	kg
078	$8\frac{1}{2}$	215	$1\frac{1}{2}$	38	$3\frac{1}{4}$	1.5

Spare cutters and parts are readily available.

REBATE PLANES

No. 778 IMPROVED REBATE PLANE



Description

This plane is designed to cut accurate rebates and fillisters up to $1\frac{1}{2}$ in. (38 mm) in width. Two cutter positions are provided, the forward position for bull nose work and the rear position for normal rebating and fillistering.

When used in the rear position the cutter is screw adjusted and is fed into the work with an accurate, positive and easy control.

A hardened steel spur is fitted to assist in rebating across the grain and the fully adjustable depth gauge is removable. The adjustable fence supplied may be used on either side of the plane and two fence arms simplify accurate setting and control. The base and sides are ground and polished.

A comprehensive instruction booklet is provided with each plane.

Materials

Body and Fence: high grade cast iron.

Cutter: tungsten vanadium steel:

Finish

Stove enamelled Record blue.

Packing

Individually cartoned.

Plane No.	Length		Width of Cutter		Approx. Weight	
	inches	mm	inches	mm	pounds	kg
778	$8\frac{1}{2}$	215	$1\frac{1}{2}$	38	$3\frac{3}{4}$	1.7

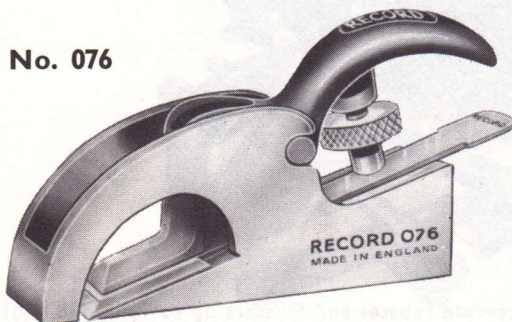
Spare cutters and parts are readily available.

RECORD

BULL NOSE REBATE PLANES



No. 075



No. 076

Description

These planes are designed for planing into corners and difficult positions, the base and sides being machined and finished to assist accurate working. The No. 075 has an adjustable mouth and the cutter is held firmly in position by a lever cap and knurled screw. The No. 076 has a low angled cutter held in place by a knurled wheel and screw. The lever cap is shaped to provide a comfortable grip.

Materials

Body and Lever Cap: high grade cast iron.

Cutters: high quality tool steel.

Finish

Stove enamelled Record blue.

Packing

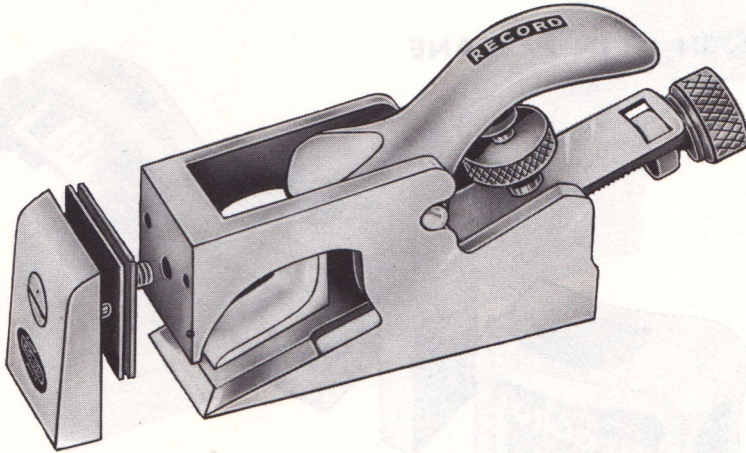
Individually cartoned.

Plane No.	Length		Width of Cutter		Approx. Weight	
	inches	mm	inches	mm	pounds	kg
075	4	102	1	25	$\frac{3}{4}$	.3
076	4	102	$1\frac{1}{8}$	29	1	.5

Spare cutters and parts are readily available.

REBATE PLANES

No. 077 IMPROVED BULL NOSE REBATE PLANE



Description

This plane is designed for fine work where extreme accuracy is required. An improved adjustable mouth has been embodied in this plane, two steel distance pieces between the detachable nose and the body providing four different mouth adjustments for fine or coarse work.

The No. 077 can be converted to a chisel plane by removing the nose.

The depth of cut is regulated by screw adjustment of the cutter. The base and sides are accurately machined and bright finished and the plane may be used on either side.

Materials

Body, Nose and Lever Cap: high grade cast iron.

Cutter: high quality tool steel.

Finish

Bright.

Packing

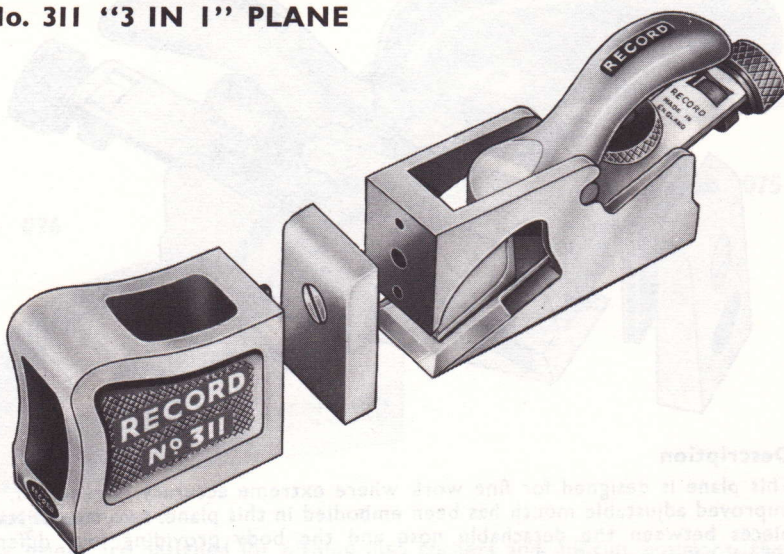
Individually cartoned.

Plane No.	Length		Width of Cutter		Approx. Weight	
	inches	mm	inches	mm	pounds	kg
077	4	102	1 $\frac{1}{8}$	29	1 $\frac{1}{4}$	.6

Spare cutters and parts are readily available.

RECORD

No. 311 "3 IN 1" PLANE



Description

This plane combines the functions of shoulder rebate, bull nose and chisel plane. In all respects identical with the No. 077 but with the addition of a detachable front extension. The base, sides and all fitting faces are accurately machined and bright finished.

Materials

Body, Nose Extension and Lever Cap: high grade cast iron.

Cutter: high quality tool steel.

Finish

Bright.

Packing

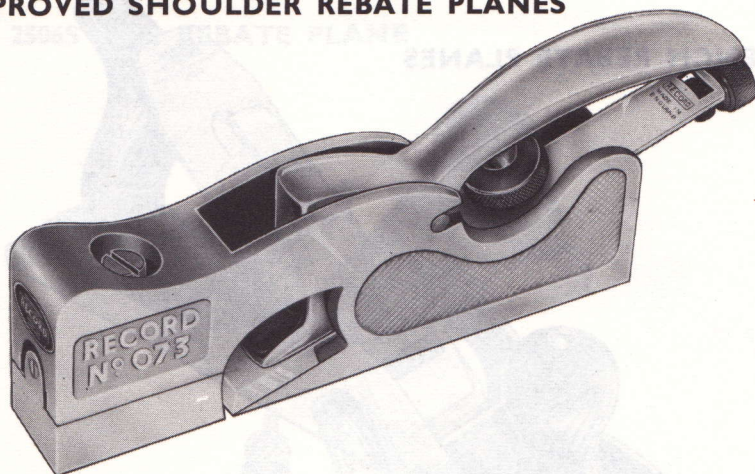
Individually cartoned.

Plane No.	Length		Width of Cutter		Approx. Weight	
	inches	mm	inches	mm	pounds	kg
311	6	152	1 $\frac{1}{8}$	29	2	.9

Spare cutters and parts are readily available.

REBATE PLANES

IMPROVED SHOULDER REBATE PLANES



Description

These Planes are designed for very fine and accurate work, the base and sides being accurately machined and ground. They will lie flat on either side, and can be used either right or left hand.

The No. 073 incorporates an improved screw adjustment to the mouth, giving a wide range of adjustment for fine or coarse work.

The depth of cut is regulated by a screw adjustment on the cutter.

Materials

Body and Lever Cap: high grade cast iron.

Cutter: tungsten vanadium steel.

Finish

Bright.

Packing

Individually cartoned.

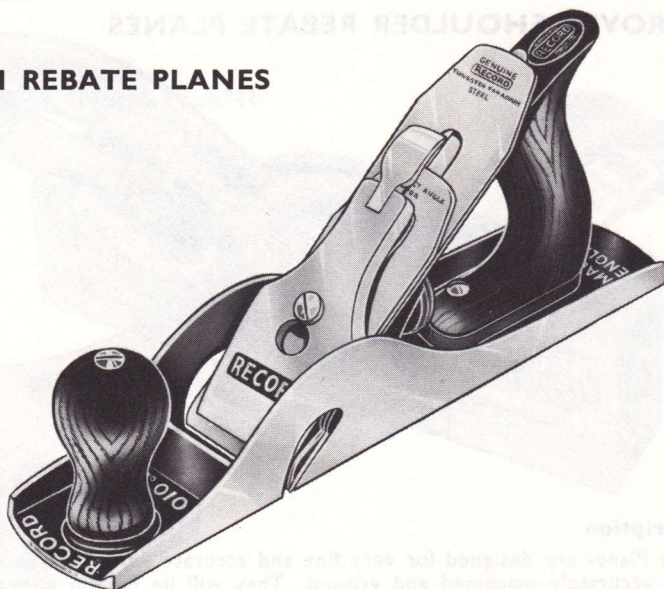
Plane No.	Length		Width of Cutter		Approx. Weight	
	inches	mm	inches	mm	pounds	kg
*041	5	125	$\frac{5}{8}$	16	$1\frac{1}{4}$	.6
*042	8	200	$\frac{3}{4}$	19	$2\frac{3}{4}$	1.3
073	$8\frac{1}{8}$	204	$1\frac{1}{4}$	32	4	1.8

Spare cutters and parts are readily available.

* Nos. 041 and 042 are made with a one-piece body, the mouth being non-adjustable.

RECORD

BENCH REBATE PLANES



Description

These Planes are recommended for general rebating work where a heavy section is being cut.

The planes are fitted with normal adjustments to the cutters.

Materials

Body: malleable iron.

Frog: high grade cast iron.

Cutter: tungsten vanadium steel.

Handle and Knob: selected hardwood.

Finish

Body and Frog: stove enamelled Record blue.

Lever Cap and Screw: plated.

Packing

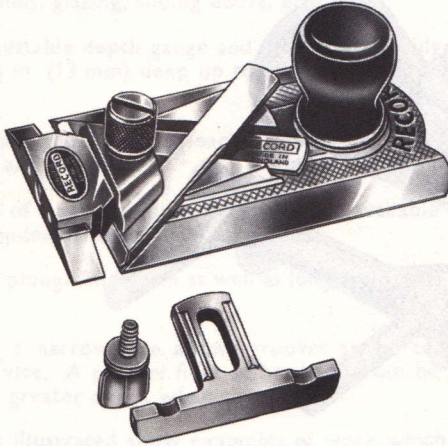
Individually cartoned.

Plane No.	Length		Width of Cutter		Approx. Weight	
	inches	mm	inches	mm	pounds	kg
010½	9	230	2⅞	54	3¼	1.5
010	13	330	2⅞	54	4¼	1.9

Spare cutters and parts are readily available.

REBATE PLANES

No. 2506S SIDE REBATE PLANE



Description

A handy, compact plane designed for accurate side rebating. It is invaluable for cleaning up grooves made with a plough plane, and for adjusting the width of grooves to suit panels, glass and sliding doors, etc. Also extremely useful for trimming damaged mouldings, etc., and for easing the rebate of a door frame with the door *in situ*.

Supplied with two cutters and adjustable and reversible depth stop.

The nose should be removed for working close up into corners.

Weight $\frac{3}{4}$ pound (.3 kg)

Materials

Body and Depth Stop: high grade cast iron.

Cutters: high quality tool steel.

Knob: selected hardwood.

Finish

Plated.

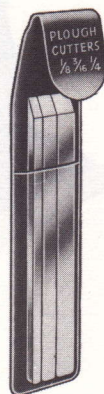
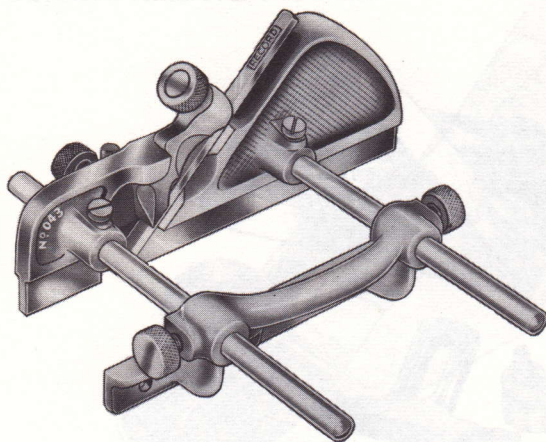
Packing

Individually cartoned.

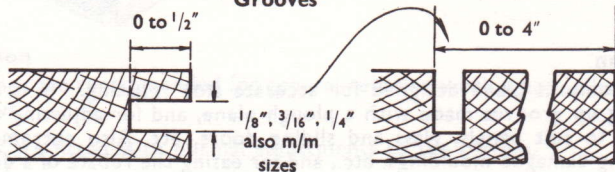
Spare cutters and parts are readily available.

RECORD

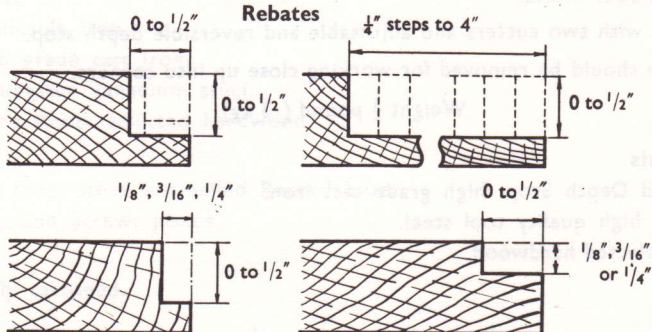
No. 043 PLOUGH PLANE



Grooves

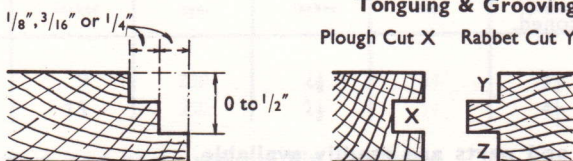


Rebates



Tonguing & Grooving

Plough Cut X Rabbet Cut Y & Z



PLOUGH PLANES

Description

A handy and useful plane for making grooves and small rebates to accept plywood and hardboard panels, glazing, sliding doors, etc.

Fitted with an adjustable depth gauge and double arm bridged fence, this plane will cut grooves $\frac{1}{2}$ in. (13 mm) deep up to 4 in. (102 mm) from the edge of the work.

3 plough cutters are supplied with each plane in widths $\frac{1}{8}$ in., $\frac{3}{16}$ in. and $\frac{1}{4}$ in. (3.2 mm, 4.8 mm and 6.4 mm).

Additional cutters of 4 and 6 millimetre widths are available where the grooves to be cut are intended to take plywood panels.

The 043 plane will plough end grain as well as long grain, and may be used either right or left hand.

The fence, having a narrow face allows grooves to be cut in narrow boards when held in the vice. A parallel fillet of hardwood can be screwed on to the fence to provide a greater depth when required.

The cross sections illustrated show examples of work which can be performed with the No. 043 Plough Plane.

A comprehensive instruction leaflet is provided with each plane

Materials

Body and Fence: high grade cast iron.

Cutters: tungsten steel.

Finish

Plated all over.

Packing

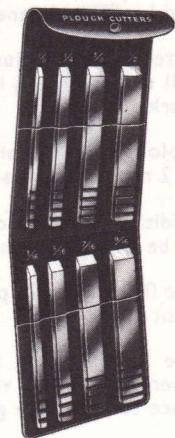
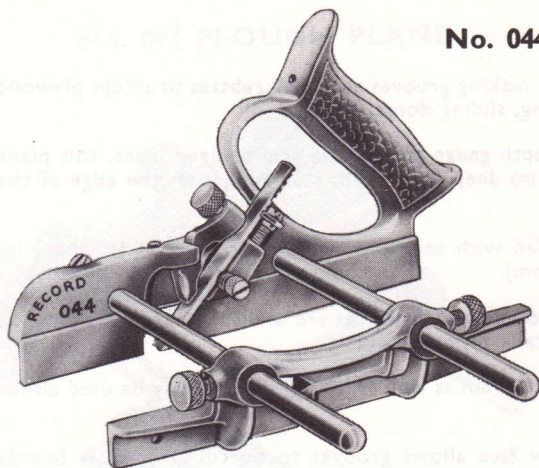
Individually cartoned.

Plane No.	Length		Approx. Weight	
	inches	mm	pounds	kg
043	5 $\frac{1}{2}$	140	1 $\frac{1}{4}$	.6

Spare cutters and parts are readily available.

RECORD

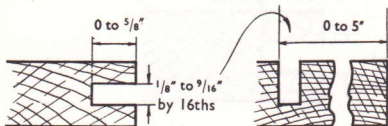
No. 044 PLOUGH PLANE



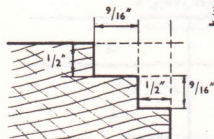
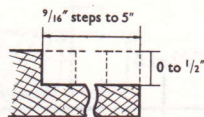
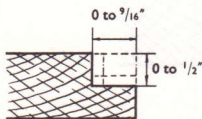
8 Standard Cutters are supplied with this plane

$\frac{1}{8}$ " $\frac{3}{16}$ " $\frac{1}{4}$ " $\frac{5}{16}$ " $\frac{3}{8}$ " $\frac{7}{16}$ " $\frac{1}{2}$ " $\frac{9}{16}$ "

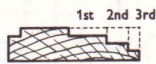
Grooves



Rebates

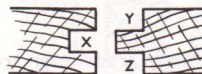


Modern Architrave



Proportion to suit work

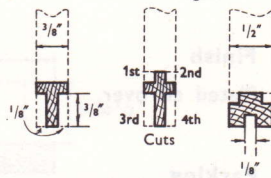
Tongued & Grooved Board



Plough X Rebate Y & Z

Plough up to $\frac{9}{16}$ " or wider at two cuts

Modern Astragals



Cut from edge of wider board; sever with a fine saw

Meeting Doors

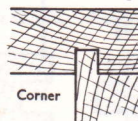
Glued or Glued and Pinned



Modern Treatment



Corner Jointing



Edge Jointing

Plough A, B, C
Rebate E, D



PLOUGH PLANES

Description

The Record No. 044 is the accepted standard Plough Plane and will plough eight sizes of groove from $\frac{1}{8}$ in. (3.2 mm) to $\frac{9}{16}$ in. (14.3 mm) in width to a depth of $\frac{5}{8}$ in. (16 mm) at any distance from the edge of the work up to 5 in. (127 mm).

Rebates can also be cut with this plane.

8 standard plough cutters are supplied with each plane and cutters of 4, 6, 9 and 12 millimetre widths are available in addition.

Screw adjustment ensures accurate and easy control of the cutter whilst the cutter clamping screw prevents lateral movement of the cutter.

Each No. 004 plane is fitted with an adjustable depth gauge and a double arm adjustable bridged fence. The fence may be used on either side of the plane and the face can be increased in depth by screwing on a hardwood fillet.

All cuts made with the No. 043 plane can be made with the No. 044 and many more in addition due to the greater capacity and wider range of cutters.

The cross sections illustrated show examples of work of which the No. 044 plough plane is capable.

A comprehensive instruction leaflet is provided with each plane.

Materials

Body and Fence: high grade cast iron.

Cutters: tungsten steel.

Finish

Plated all over.

Packing

Individually cartoned.

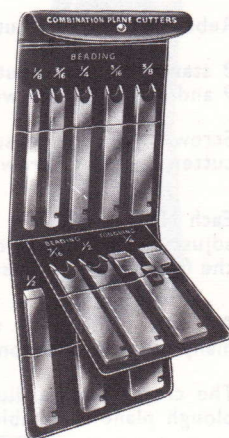
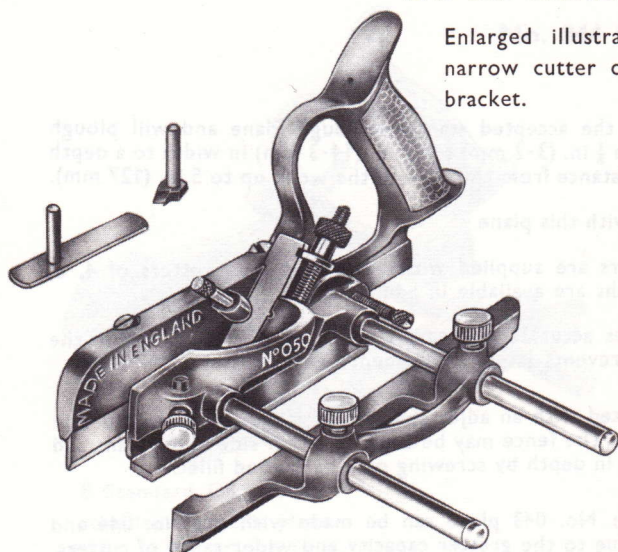
Plane No.	Length		Approx. Weight	
	inches	mm	pounds	kg
044	8½	215	3	1.4

Spare cutters and parts are readily available.

RECORD

No. 050 COMBINATION PLANE

Enlarged illustration of narrow cutter clamping bracket.



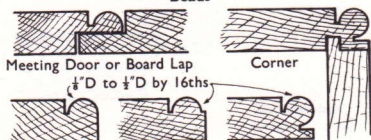
17 standard cutters are supplied with the plane.

Plough	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{7}{8}$ "	
Beading	$\frac{1}{8}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{1}{2}$ "			
										Tonguing $\frac{1}{4}$ "

Rebates



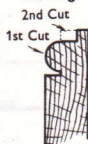
Beads



Mouldings



Skirting



Astragal

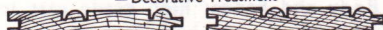


Panel Moulding

$\frac{1}{2}$ " Bead $\frac{1}{4}$ " or $\frac{3}{16}$ " Bead



Tongued and Grooved Boards — Decorative Treatment



Glazed Door Treatment

Half a Bead cut on edge of separate board

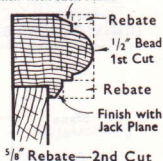


Electric Cable Casing



Dado Rail

Finish with Jack Plane



Square Edged Architrave

4th Cut 5th Cut 2nd Cut 1st Cut 3rd Cut



Round Rods



Saw off for Round Rods

COMBINATION PLANE

Description

This plane combines the functions of several single purpose planes, and will perform many planing operations generally required in cabinet making and joinery including:

1. Ploughing
2. Dadoing
3. Beading
4. Centre Beading
5. Rebating and Fillistering
6. Tonguing and Grooving

It is fitted with spurs for cross-grain working, adjustable depth gauge, double arm adjustable bridged fence, beading stop and a shaving deflector for use when tonguing.

A set of 17 cutters, as illustrated, is supplied with this plane, and screw adjustment enables the selected cutter to be fed into the work with an accurate and easy control whilst the cutter clamping screw holds the cutter firmly in position. A clamping bracket is provided for use with plough cutters $\frac{1}{8}$ in. (3.2 mm) and $\frac{3}{16}$ in. (4.8 mm) wide enabling grooves narrower than $\frac{1}{4}$ in. (6 mm) to be ploughed when required for hardboard or plywood panels. The No. 050 plane will plough or rebate to a depth of $\frac{1}{2}$ in. (13 mm) at any distance up to 5 in. (127 mm) from the edge of the timber, and the fence, which may be used on either side of the plane, can be increased in depth by screwing a hardwood fillet on to the face. The accompanying illustrations show various cuts which can be made with the No. 050 plane and also indicate the methods employed. All cuts shown for No. 043 and No. 044 can also be made with this plane.

Additional cutters from 4 to 12 mm widths and also tonguing cutters $\frac{1}{8}$ in. (3.2 mm) and $\frac{3}{16}$ in. (4.8 mm) are available at extra cost.

A comprehensive instruction booklet is provided with each plane.

Materials

Body, Fence and Sliding Section: high grade cast iron.

Cutters: tungsten steel.

Finish

Plated all over.

Packing

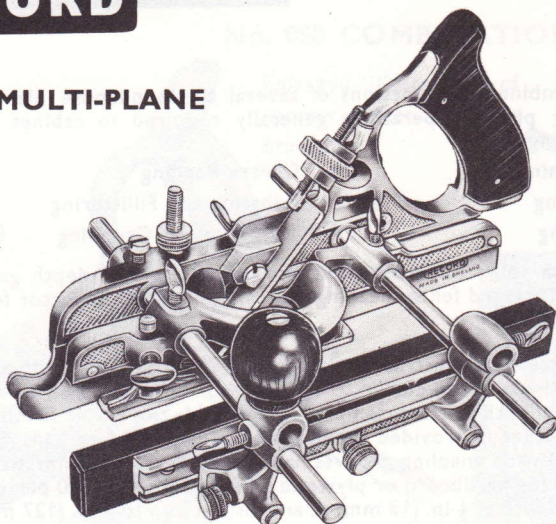
Individually cartoned.

Plane No.	Length		Approx. Weight	
	inches	mm	pounds	kg
050	9 $\frac{1}{2}$	242	3 $\frac{3}{4}$	1.7

Spare cutters and parts are readily available.

RECORD

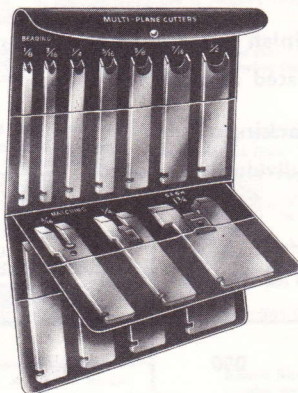
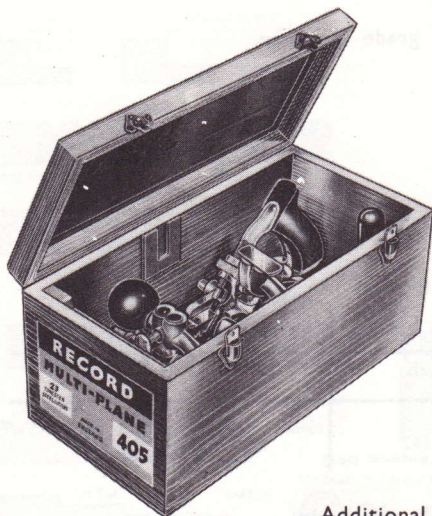
No. 405 MULTI-PLANE



23 standard cutters are supplied with this plane

Plough $\frac{1}{8}$ " $\frac{3}{16}$ " $\frac{1}{4}$ " $\frac{5}{16}$ " $\frac{3}{8}$ " $\frac{7}{16}$ " $\frac{1}{2}$ " $\frac{5}{8}$ " $\frac{3}{4}$ " $\frac{13}{16}$ " $\frac{7}{8}$ " Fillister $1\frac{1}{4}$ "
 Beading $\frac{1}{8}$ " $\frac{3}{16}$ " $\frac{1}{4}$ " $\frac{5}{16}$ " $\frac{3}{8}$ " $\frac{7}{16}$ " $\frac{1}{2}$ " Sash $1\frac{3}{4}$ " Matching $\frac{1}{4}$ " and $\frac{3}{16}$ "
 and Slitting Cutter

Supplied complete in a
varnished wood box



Additional cutters fully illustrated on page 121

MULTI-PLANE

Description

The Record Multi-plane, as its name implies, will perform a wide range of planing operations required by the cabinet maker and joiner, consisting of:

1. Ploughing
2. Dadoing
3. Beading
4. Centre Beading
5. Rebating and Fillistering
6. Match Planing
7. Sash Planing
8. Slitting

The many outstanding features of the Record multi-plane include: screw adjustment to cutter, also to fence and depth gauge, two sets of fence arms (long and short), beading stop, slitting cutter, sliding section depth gauge, cam steady, and spurs for cross grain work.

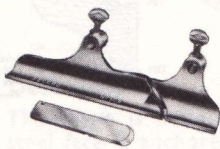
23 cutters are supplied with the plane as standard equipment, and additional cutters are available at extra cost. A comprehensive instruction booklet is supplied with each plane.

Materials

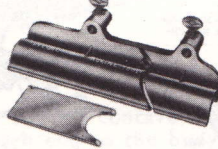
Body and Sliding Section: high grade cast iron. Cutters: tungsten steel.

Fence: cast iron with wood face. Handle and Knob: selected hardwood.

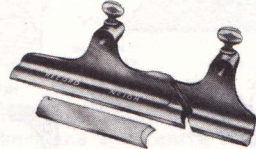
Finish Plated all over. **Packing** Individually packed in a varnished wood box. Length $10\frac{7}{8}$ in. (275 mm). Approx. weight 10 pounds (4.5 kg).



No. 10 Round



No. 5 Nosing Tool



No. 10 Hollow

Special Bases and Nosing Tools

Special Bases are available for the Record multi-plane as illustrated: a hollow and its cutter will form a round; a round and its cutter will form a hollow.

A nosing tool and its cutter will form a round as, for example, in shaping the edges of stair treads.

Hollows and rounds are sold in sets comprising 1 hollow, 1 round and 2 cutters.

	Width of Cutter		Works Circle	
	inches	mm	inches	mm
Hollow and Round				
No. 6	$\frac{1}{2}$	13	$\frac{3}{4}$	19
No. 8	$\frac{5}{8}$	16	1	26
No. 10	$\frac{3}{4}$	19	$1\frac{1}{4}$	32
No. 12	1	26	$1\frac{1}{2}$	38
Nosing Tool				
No. 5	$1\frac{1}{8}$	43	$1\frac{1}{4}$	32

Spare cutters and parts are readily available.

Cross sections illustrating typical cuts shown overleaf.

The Record multi-plane is capable of a wide range of cuts including all those made by the combination and plough planes. (See previous pages.)

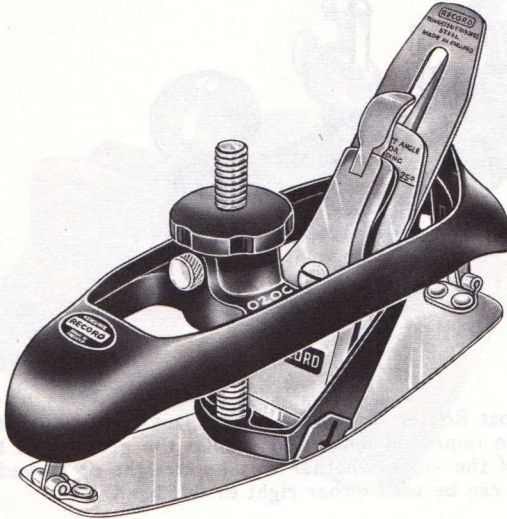
The cross-section illustrations show various cuts which can be made by the No. 405 plane using both standard and additional cutters. Many of the methods employed together with symbol letters and the number of the cutters used are indicated.

Dado Cuts i.e., grooves across the grain, can also be made with these planes.



CIRCULAR PLANE

No. 020C CIRCULAR PLANE



Description

This Plane is designed for use on concave and convex surfaces. The flexible steel face is anchored at each end to the body of the plane and centre screw adjustment enables the desired curvature of the sole to be set quickly and positively.

Materials

Body: high grade cast iron.

Cutters: tungsten vanadium steel.

Face: high quality spring steel.

Finish

Body: stove enamelled Record blue.

Lever Cap: plated.

Packing

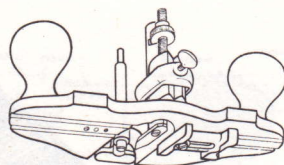
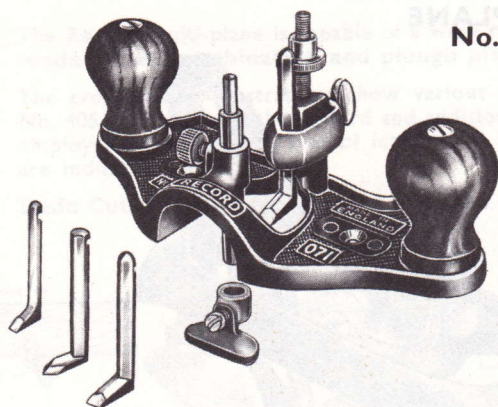
Individually cartoned.

Plane No.	Length		Width of Cutter		Approx. Weight	
	inches	mm	inches	mm	pounds	kg
020C	10	250	1 $\frac{3}{4}$	45	4 $\frac{1}{4}$	1.9

Spare cutters and parts are readily available.

RECORD

No. 071 ROUTER PLANE



Description

This open throat Router Plane will cut grooves etc., parallel to the surface of the work. The improved fence also enables the grooves to be made parallel to the edge of the work whether this be straight or curved. The fence is adjustable and can be used either right or left hand.

The cutters are adjustable by screw feed, and can be secured on the front of the cutter post for general use, or on the back for bull nose work.

An adjustable shoe allows the throat to be closed for working narrow surfaces, the rod of which may be used either end up as a guide for the cutter. When detached from the body of the plane the rod and shoe form an efficient depth gauge.

For cutting wide grooves an extra wooden bottom can be attached to the plane.

A comprehensive instruction booklet is provided with each plane.

Materials

Body: high grade cast iron.

Cutters: $\frac{1}{4}$ in. and $\frac{1}{2}$ in. (6 and 13 mm) high quality tool steel.
Smooth cutter only — tungsten steel.

Knobs: selected hardwood.

Finish Stove enamelled Record blue. **Packing** Individually cartoned.

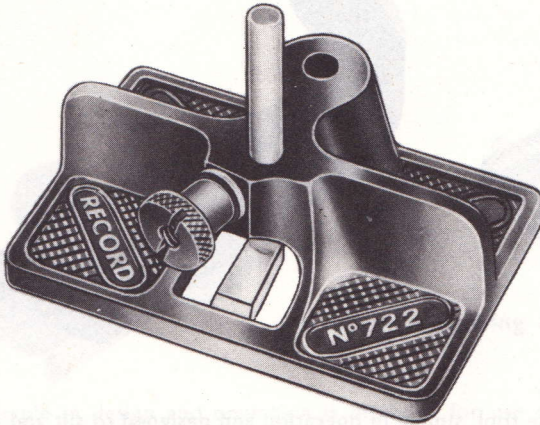
Plane No.	Length		Width of Cutter		Approx. Weight	
	inches	mm	inches	mm	pounds	kg.
071	7 $\frac{1}{2}$	190	$\frac{1}{4}$ $\frac{1}{2}$	6 13	2 $\frac{1}{4}$	1.0

and smoothing cutter

Spare cutters and parts are readily available.

ROUTER PLANE

No. 722 ROUTER PLANE



Description

A small, very useful router which though supplied with only one cutter is invaluable where work of a small nature is encountered, as in small grooves and in the groundings of carved work. Two positions are provided for the cutter which is held firmly in place by a draw bolt.

Materials

Body: cast iron.

Cutter: high quality tool steel.

Finish

Stove enamelled Record blue.

Packing

Individually cartoned.

Plane No.	Size		Width of Cutter		Approx. Weight	
	inches	mm	inches	mm	pounds	kg
722	$2\frac{7}{8} \times 1\frac{7}{8}$	75×50	$\frac{1}{4}$	6	$\frac{1}{2}$	.2

Spare cutters and parts are readily available.

RECORD

No. 730 SOFTBOARD PLANE



Description

A dual purpose tool, simple in operation and designed to slit and bevel all types of soft insulating board.

It will slit material up to $\frac{1}{2}$ in. (13 mm) thickness and bevel up to $\frac{3}{8}$ in. (10 mm) depth at 45° .

Supplied with detachable fence and six razor blade type cutters.

Materials

Body and Fence: high grade cast iron.

Cutters: best quality steel.

Handle: selected hardwood.

Finish

Stove enamelled Record blue.

Packing

Individually cartoned.

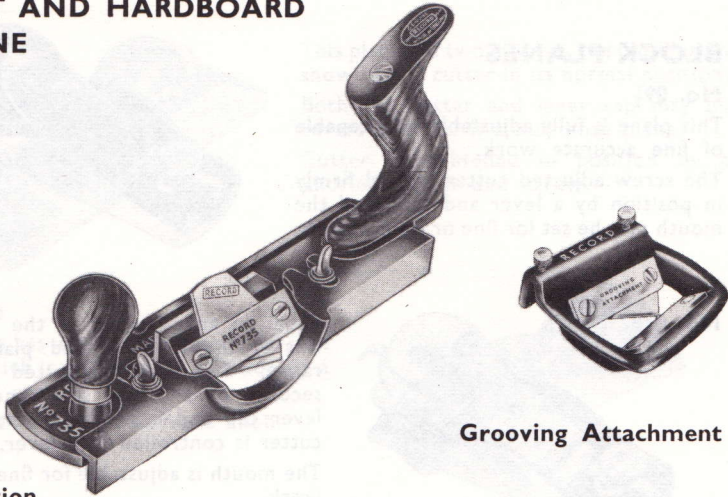
Plane No.	Length		Approx. Weight	
	inches	mm	pounds	kg
730	$8\frac{1}{4}$	210	$1\frac{1}{2}$	.7

Spare cutters and parts are readily available.

Razor blade type cutters (packed six per carton) suitable for No. 730 and No. 735.

FIBREBOARD PLANES

No. 735 SOFT AND HARDBOARD PLANE



Grooving Attachment

Description

This Plane, simple in design and operation is intended for use on all types of soft insulating boards and for bevelling hardboard.

On soft insulating board it is capable of bevelling up to $\frac{3}{8}$ in. (10 mm) depth at 45°; grooving (using grooving attachment) up to $\frac{3}{8}$ in. (10 mm) depth or slitting up to $\frac{1}{2}$ in. (13 mm) thickness.

On hard or tempered board it will bevel up to $\frac{3}{16}$ in. (5 mm) depth at 45°.

Supplied complete with detachable fence, grooving attachment, six razor blade type cutters for soft insulating board, and one cutter for hardboard.

A comprehensive instruction leaflet is provided with each plane.

Materials

Body and Fence: high grade cast iron.

Cutters: high quality tool steel.

Handle: selected hardwood.

Finish

Stove enamelled Record blue.

Packing

Individually cartoned.

Plane No.	Length		Approx. Weight	
	inches	mm	pounds	kg
735	10 $\frac{1}{4}$	260	2 $\frac{7}{8}$	1.3

Spare cutters and parts are readily available.

Razor blade type cutters (packed six per carton) suitable for Nos. 730 and 735.

Hardboard Cutters (individually packed) suitable for No. 735 only.

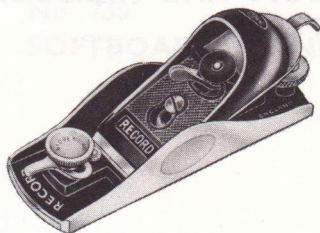
RECORD

BLOCK PLANES

No. 09½

This plane is fully adjustable and capable of fine accurate work.

The screw adjusted cutter is held firmly in position by a lever and cam, and the mouth may be set for fine or coarse work.



No. 018

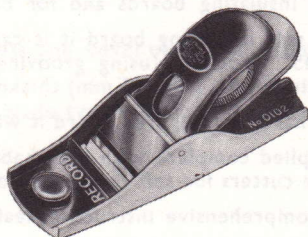


Equal to any demand of the craftsman, this is the most refined plane of the range. The screw adjusted cutter is secured by a plated steel knuckle-joint lever cap and lateral adjustment of the cutter is controlled by a lever.

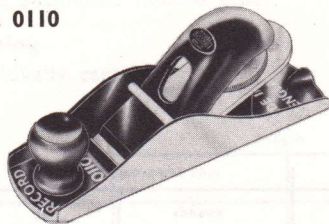
The mouth is adjustable for fine or coarse work.

No. 0102

A light block plane suitable for straight-forward work where frequent adjustment is not essential.



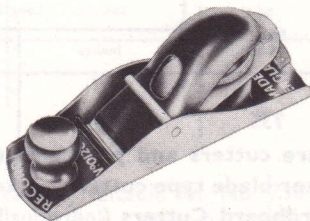
No. 0110



A general purpose block plane the cutter of which is rigidly held by a knurled wheel and screw. A hardwood front knob is fitted.

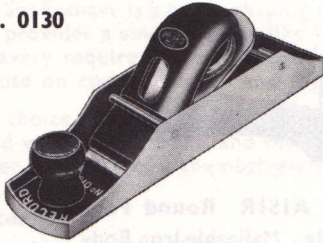
No. 0120

This plane is provided with screw adjustment for regulating the depth of cut, and when set the cutter is held firmly in position by a knurled wheel and screw. A hardwood front knob is fitted.



BLOCK PLANES

No. 0130



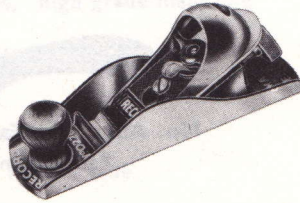
This plane has two mouths, the illustration showing the cutter in its normal position. Both the cutter and lever cap may be reversed to form a bull nose plane.

Cutter is tightened in position by a knurled wheel and screw.

No. 0220

This plane has screw adjustment for the cutter which is tightened in position by a lever and cam.

Fitted with a hardwood front knob.



Description

The Record Block Plane is a handy, easy to use tool, mainly used when planing end grain, its use extending to many other small planing jobs.

Materials

Body and Lever Cap: high grade cast iron.

Cutting Iron: high quality tool steel.

Finish

Stove enamelled Record blue—base and sides ground and polished.

Packing

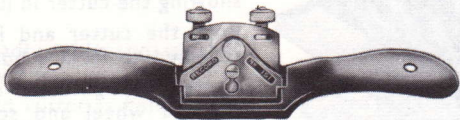
Individually cartoned.

Plane No.	Length		Width of Cutter		Approx. Weight	
	inches	mm	inches	mm	pounds	kg
09½	6	152	1⅝	42	1½	.7
018	6	152	1⅝	42	1½	.7
0102	5½	140	1⅜	35	⅞	.4
0110	7	180	1⅝	42	1⅜	.6
0120	7	180	1⅝	42	1½	.7
0130	8	203	1⅝	42	1⅝	.7
0220	7	180	1⅝	42	1⅜	.6

Spare cutters and parts are readily available.

RECORD

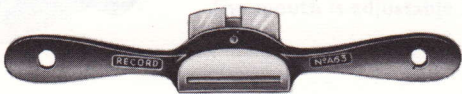
SPOKESHAVES



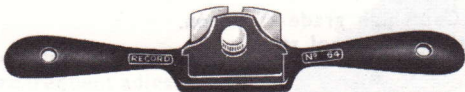
No. A151 Flat Face No. A151R Round Face
Adjustable Cutter Raised Handle Malleable Iron Body



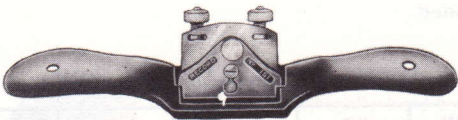
No. A51 Flat Face No. A51R Round Face
Adjustable Cutter Raised Handle Malleable Iron Body



No. A63 Round Face
Straight Handle Malleable Iron Body



No. A64 Flat Face
Straight Handle Malleable Iron Body



No. 0151 Flat Face No. 0151R Round Face
Adjustable Cutter Raised Handle Cast Iron Body



No. 051 Flat Face No. 051R Round Face
Adjustable Cutter Raised Handle Cast Iron Body

SPOKESHAVES

Description

The Spokeshave is a handy shaping tool useful on small curves, furniture legs etc., and provides a smooth plane-like finish. The wide range of spokeshaves caters for every requirement and is produced in two different types, (a) with flat face for use on convex curves, and (b) with round face for use on concave curves.

The choice of raised or flat handles is a matter of personal preference. All are fitted with double irons, and the combined cap iron and lever cap being secured either by means of a thumbscrew or a knurled screw according to type.

Materials

Body: Nos. A151, A151R, A51, A51R, A63, A64, high grade malleable iron. Guaranteed against breakage.

Nos. 0151, 0151R, 051 and 051R high grade cast iron.

Cutters: high quality tool steel.

Finish

Stove enamelled, malleable iron red, cast iron Record blue.

Packing

Six per carton.

With high grade malleable iron bodies.

Tool No.	Type	Length		Width of Cutter		Approx. Weight per carton	
		inches	mm	inches	mm	pounds	kg
A151	Flat face	10	250	2 $\frac{1}{8}$	54	4 $\frac{3}{4}$	2.2
A151R	Round face	10	250	2 $\frac{1}{8}$	54	4 $\frac{3}{4}$	2.2
A51	Flat face	10	250	2 $\frac{1}{8}$	54	4 $\frac{1}{2}$	2.0
A51R	Round face	10	250	2 $\frac{1}{8}$	54	4 $\frac{1}{2}$	2.0
A63	Round face	9	230	1 $\frac{3}{4}$	45	3	1.4
A64	Flat face	9	230	1 $\frac{3}{4}$	45	3	1.4

With high grade cast iron bodies.

Tool No.	Type	Length		Width of Cutter		Approx. Weight per carton	
		inches	mm	inches	mm	pounds	kg
0151	Flat face	10	250	2 $\frac{1}{8}$	54	4 $\frac{3}{4}$	2.2
0151R	Round face	10	250	2 $\frac{1}{8}$	54	4 $\frac{3}{4}$	2.2
051	Flat face	10	250	2 $\frac{1}{8}$	54	4 $\frac{1}{2}$	2.0
051R	Round face	10	250	2 $\frac{1}{8}$	54	4 $\frac{1}{2}$	2.0

Spare cutters and parts are readily available.

RECORD**No. 080 CABINET SCRAPER****Description**

This tool is designed for surface scraping cabinet work, shopfittings etc., preparatory to finishing with french polish, cellulose, varnish or wax. The reversible scraping iron is made to cut freely by springing it to a slight curve by an adjustment of the thumbscrew.

Materials

Body: high grade cast iron. Cutter: high quality tool steel.

Finish Stove enamelled Record blue. **Packing** Individually cartoned.

Tool No.	Length		Width of Cutter		Approx. Weight	
	inches	mm	inches	mm	pounds	kg
080	11½	292	2¾	70	1½	.7

Spare cutters and parts are readily available.

No. 070 BOX SCRAPER**Description**

Designed for scraping stencils and marks from the surface of boxes, floors etc. The handle is hinged on the body and the cutter and base are slightly curved for scraping uneven surfaces.

Materials

Body: malleable iron. Cutter: high quality tool steel.

Fork: malleable iron. Handle: selected hardwood.

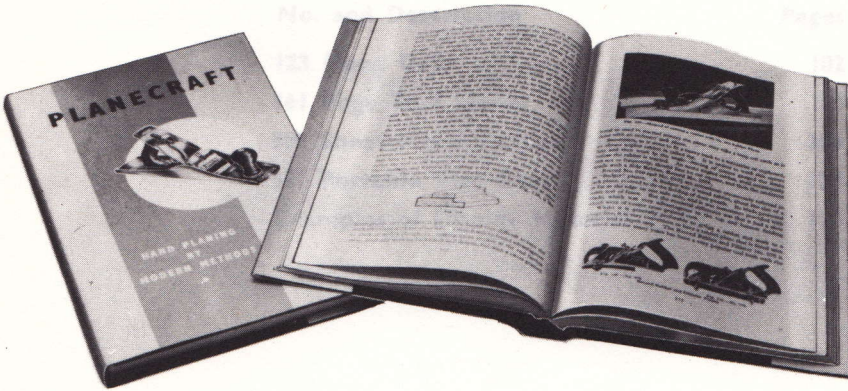
Finish Stove enamelled Record blue. **Packing** Individually cartoned.

Tool No.	Length		Width of Cutter		Approx. Weight	
	inches	mm	inches	mm	pounds	kg
070	13	330	2	50	1	.5

Spare cutters and parts are readily available.

"PLANECAST"

Revised and Enlarged



PlaneCast was first published in 1934 the aim of the authors being to produce a workshop companion of practical value to craftsmen and to the ever increasing number of keen amateurs. Judging from its tremendous popularity to date it may be assumed that this aim has been fulfilled.

PlaneCast was revised and enlarged in 1950 and again in 1959, and the latest edition contains a wealth of information and helpful instruction on hand planing by modern methods.

A book every home and school workshop should have.

The following chapter titles indicate some of the subjects covered.

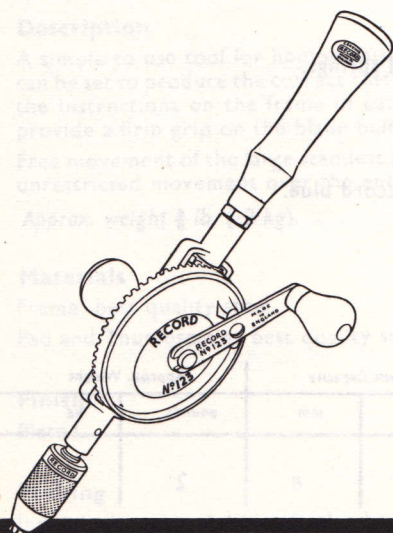
The History of the Plane.
Adjustment of the Plane.
Grinding the Iron.
Whetting the Iron.
Holding the Bench Plane.
Squaring up a piece of wood.

Difficulties in Planing and their solution.
Fundamentals of Planing.
The Bench and the Vice.
Workshop Hints.
Also a useful Glossary of Woodwork Terms.

256 Pages. 278 Illustrations and Diagrams. Cloth Cover. Size approx. 9" x 6".

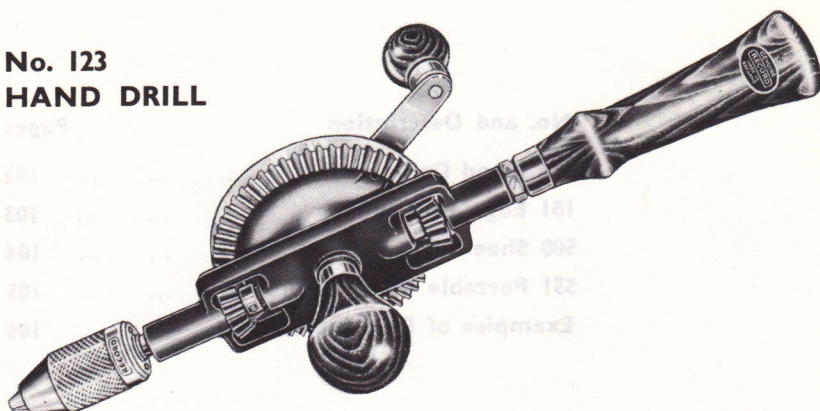
MISCELLANEOUS

No. and Description	Pages
123 Hand Drill	102
161 Edge Tool Honer	103
500 Sheet Metal Cutter	104
551 Portable Vice Bench	105
Examples of Display Material	106



RECORD

No. 123 HAND DRILL



Description

A robust drill with unbreakable malleable iron frame and $\frac{5}{16}$ " (8 mm) diameter three-jaw chuck with concealed springs. Double pinions and a ball thrust bearing ensure a smooth positive action. The handle is shaped to give a comfortable grip. A removable side knob permits use in very restricted spaces.

Materials

Frame: malleable iron.

Gear Wheel: best quality cast iron.

Chuck: hardened steel jaws with concealed springs.

Handle and Knobs: selected beech.

Finish

Body and Gear Wheel: stove enamelled Record blue.

All Bright Parts: plated.

Packing

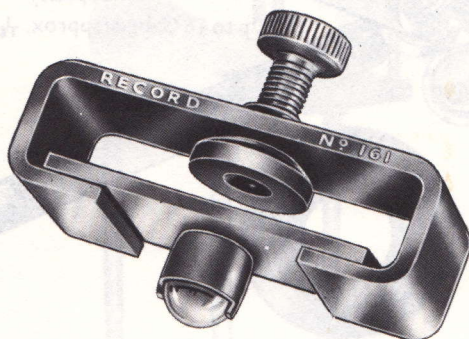
Individually cartoned.

Tool No.	Length		Chuck Capacity		Approx. Weight	
	inches	mm	inches	mm	pounds	kg
123	13 $\frac{1}{4}$	335	$\frac{5}{16}$	8	2	.9

Spare Parts are readily available.

MISCELLANEOUS

No. 161 EDGE TOOL HONER



For use with an oilstone.

Description

A simple to use tool for honing chisels, plane irons and spokeshave irons, which can be set to produce the correct cutting angle. This angle is achieved by following the instructions on the frame of each honer. The thumbscrew and swivel pad provide a firm grip on the blade being sharpened.

Free movement of the large stainless steel ball is provided by a ball race and allows unrestricted movement over the entire oilstone surface.

Approx. weight $\frac{3}{8}$ lb. (.2 kg).

Materials

Frame: best quality steel.

Pad and Thumbscrew: best quality steel.

Finish

Plated.

Packing

Individually cartoned in a display box of six.

RECORD

No. 500 SHEET METAL CUTTER



Plain Wheel

Serrated Wheel

Description

This tool will cut cleanly and with perfect ease, either straight, curved or irregular shapes in sheets of iron, steel, including annealed stainless steel, and other metal sheets. It is easy to handle and requires little effort. The operator can see the whole surface of the sheet and the marking-out lines throughout the cutting operation. The Record Sheet Metal Cutter can be used as a stationary tool by fastening in a bench vice, or as a portable tool for sheets which cannot be handled at the bench.

The two axles are fitted with hardened steel bushes on which the cutters revolve. The lower bush on which the plain cutter revolves is eccentric and provides three positions of adjustment for cutting thick, medium and thin sheets. The upper cutting wheel has a serrated or milled edge which bites into the sheet when the arm is pulled, automatically drawing the work between the two cutting wheels.

A comprehensive instruction booklet is provided with each tool.

Approx. weight 5 lb. (2.3 kg).

Materials

Body: malleable iron casting.

Cutting Wheels: high grade tool steel accurately ground to ensure smooth working.

Arms: best quality steel.

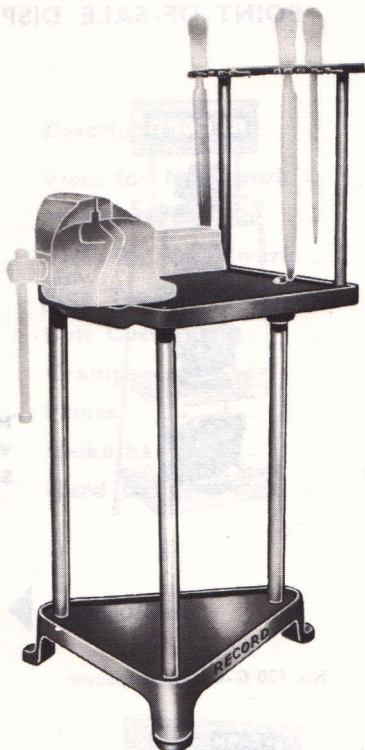
Handles: hardwood.

Finish Bright. **Packing** Individually cartoned.

Spare Cutting Wheels and Parts are readily available.

MISCELLANEOUS

No. 551 PORTABLE VICE BENCH



Description

A robust, transportable table and base designed for use on building sites or for maintenance work and built to accommodate varying types and sizes of metal-workers' vice. A file rack is incorporated in the table top.

Guaranteed against breakage.

Materials

Table and Base: malleable iron.

Legs: tubular steel.

Finish

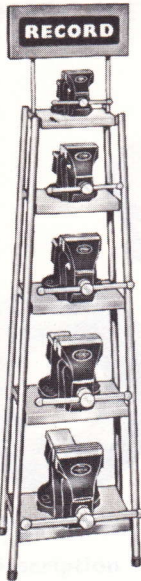
Enamelled Record blue.

Tool No.	Table Top Size		Height of Table		Approx. Weight	
	inches	mm	inches	mm	pounds	kg
551	18—19	460×485	30	760	88	40.0

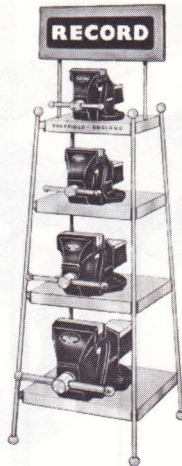
Vice extra according to type and size required.

RECORD

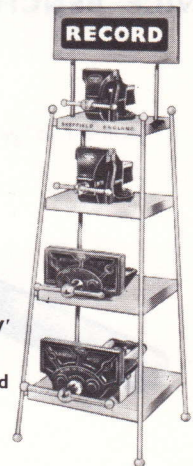
EXAMPLES OF OUR POINT-OF-SALE DISPLAY MATERIAL



'G 5'
Vice
Stand



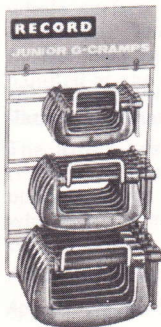
'M'
Vice
Stand



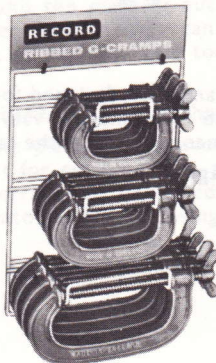
'M W'
Vice
Stand

Planes Dispenser

No. 119 G-Cramp Dispenser

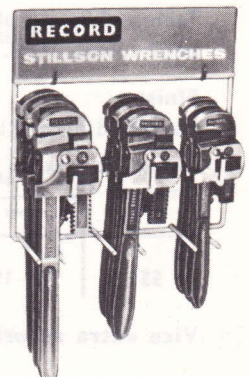


No. 120 G-Cramp Dispenser



Stillson Wrench Dispenser

Record Stockist Sign

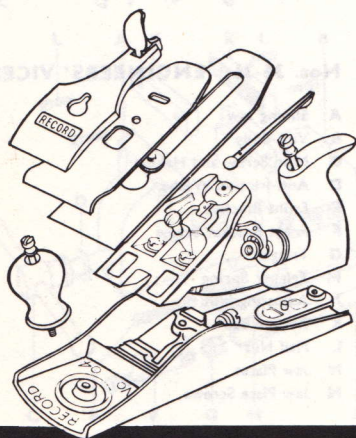


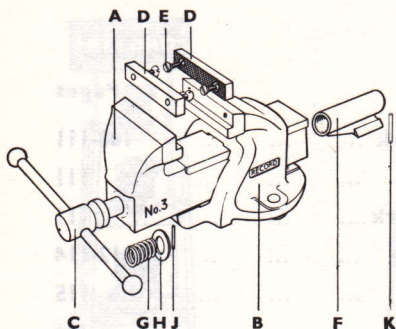
People who know use **RECORD**

Record
Display
Strip

SPARE PARTS

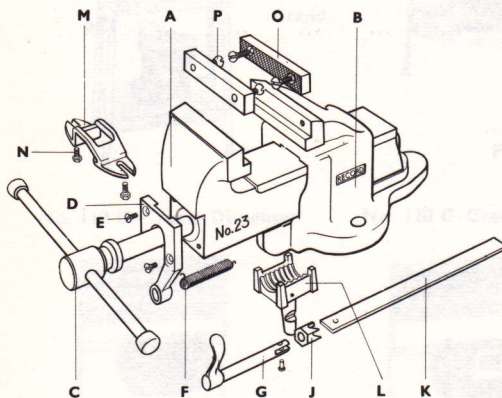
Description	Pages
Vices for Metalwork	108-111
Machine Vices	111
Vices for Woodwork	111
Pipe Tools	112-114
Bolt Cutters	115
Cramps	116
Planes	117-123
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Hand Drill	124





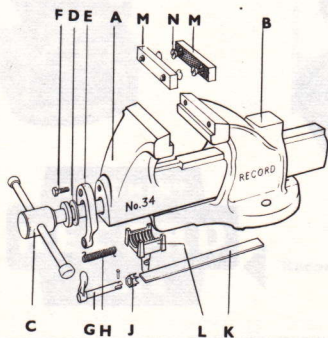
Nos. 00-8 MECHANICS' VICES

- A Sliding Jaw
- B Vice Body
- C Main Screw and Handle
- D Jaw Plates
- E Jaw Plate Screws
- F Detachable Nut
- G Spring
- H Washer
- J Washer Retaining Pin
- K Nut Retaining Pin



Nos. 21-25 FITTERS' VICES

- A Sliding Jaw
- B Vice Body
- C Main Screw and Handle
- D Front Bracket
- E Front Bracket Screws
- F Trigger Spring
- G Trigger
- J Adjusting Nut
- K Rocker Bar
- L Half Nut
- M Nut Guide Bracket
- N Nut Bracket Screws
- O Jaw Plates
- P Jaw Plate Screws

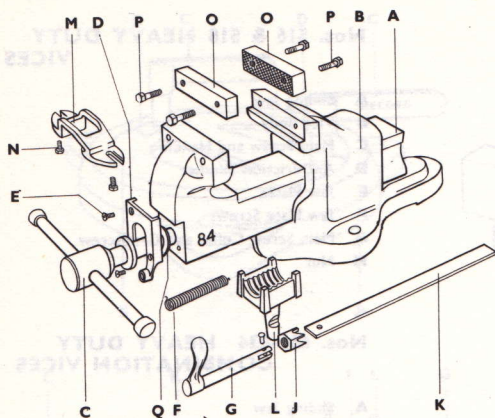


Nos. 34-36 ENGINEERS' VICES

- A Sliding Jaw
- B Vice Body
- C Main Screw and Handle
- D Anti-friction Washer
- E Front Bracket
- F Front Bracket Screw
- G Trigger
- H Trigger Spring
- J Adjusting Nut
- K Rocker Bar
- L Half Nut
- M Jaw Plates
- N Jaw Plate Screws

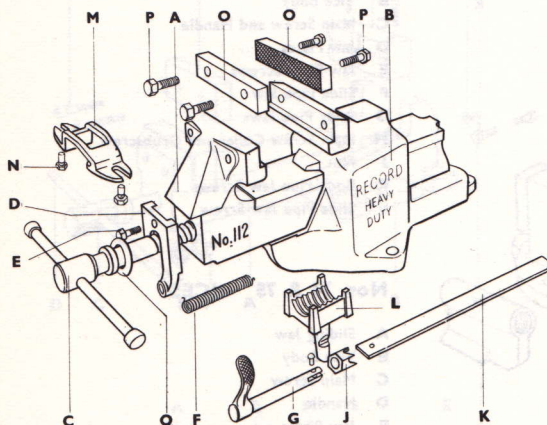
SPARE PARTS

Nos. 83 & 84 ENGINEERS' VICES



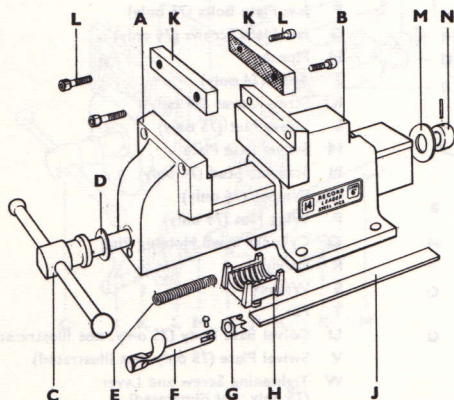
- A Sliding Jaw
- B Vice Body
- C Main Screw and Handle
- D Front Bracket
- E Front Bracket Screws
- F Trigger Spring
- G Trigger
- J Adjusting Nut
- K Rocker Bar
- L Half Nut
- M Nut Guide Bracket
- N Nut Bracket Screws
- O Jaw Plates
- P Jaw Plate Bolts (No. 84 only)
(Screws on No. 83)
- Q Anti-friction Washer

Nos. 110-114 HEAVY DUTY VICES



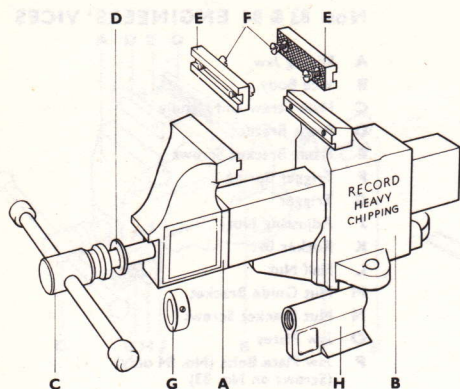
- A Sliding Jaw
- B Vice Body
- C Main Screw and Handle
- D Front Bracket
- E Front Bracket Screw
- F Trigger Spring
- G Trigger
- J Adjusting Nut
- K Rocker Bar
- L Half Nut
- M Nut Guide Bracket
- N Nut Bracket Screws
- O Jaw Plates
- P Jaw Plate Bolts
- Q Anti-friction Washer

Nos. 12-16 LEADER STEEL VICES



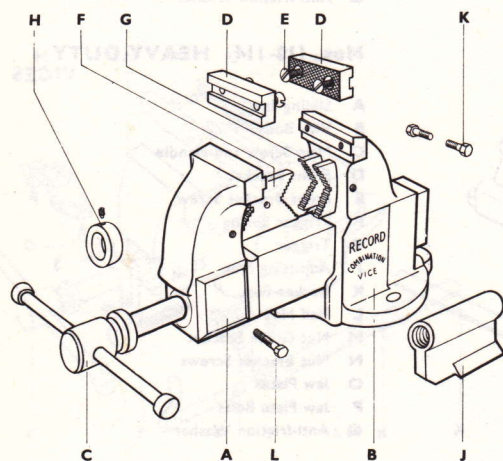
- A Sliding Jaw
- B Vice Body
- C Main Screw and Handle
- D Anti-friction Washer
- E Trigger Spring
- F Trigger
- G Adjusting Nut
- H Half Nut
- J Rocker Bar
- K Jaw Plates
- L Jaw Plate Cap Screws
- M End Washer
- N Retaining Collar and Pin

RECORD



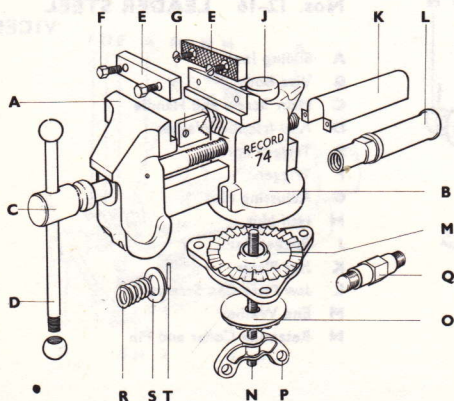
Nos. 516 & 518 HEAVY DUTY VICES

- A Sliding Jaw
- B Vice Body
- C Main Screw and Handle
- D Anti-friction Washer
- E Jaw Plates
- F Jaw Plate Screws
- G Main Screw Collar and Grubscrew
- H Nut



Nos. 631-634 HEAVY DUTY COMBINATION VICES

- A Sliding Jaw
- B Vice Body
- C Main Screw and Handle
- D Jaw Plates
- E Jaw Plate Screws
- F Slide Pipe Jaw
- G Body Pipe Jaws
- H Main Screw Collar and Grubscrew
- J Nut
- K Body Pipe Jaw Screws
- L Slide Pipe Jaw Screw

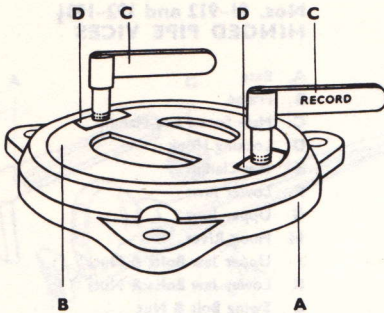


Nos. 74 & 75 VICES

- A Sliding Jaw
- B Vice Body
- C Main Screw
- D Handle
- E Jaw Plates
- F Jaw Plate Bolts (75 only)
- G Jaw Plate Screws (74 only)
- H Pipe Jaw
- J Anvil (74 only)
- K Screw Cover (74 only)
- L Sleeve Nut (75 only)
- M Swivel Base Plate
- N Screwed Stud (74 only)
- O Washer (74 only)
- P Wing Nut (74 only)
- Q Cylinder Head Holding Plug
- R Spring
- S Washer
- T Pin
- U Swivel Base Body (75 only, not illustrated)
- V Swivel Plate (75 only, not illustrated)
- W Tightening Screw and Lever (75 only, not illustrated)

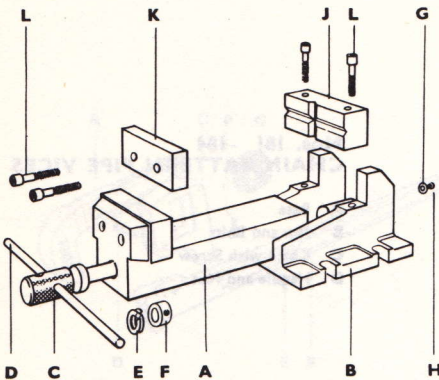
SPARE PARTS

SWIVEL BASES for Mechanics' Vices



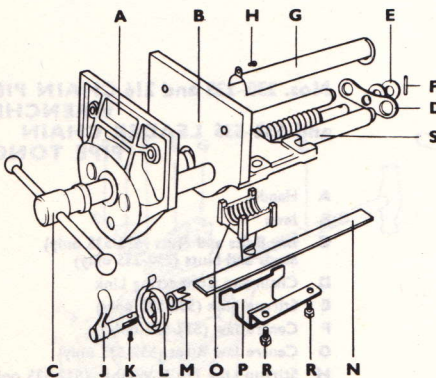
- A Base Body
- B Swivel Plate
- C Tightening Screw and Lever
- D Locking Segment

Nos. 643-645 MACHINE VICES



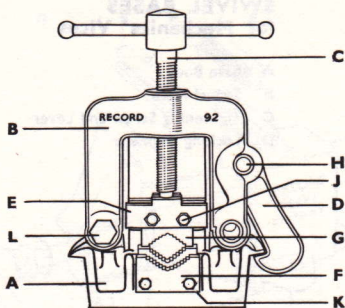
- A Sliding Jaw
- B Vice Body
- C Main Screw
- D Tommy Bar
- E Spring
- F Collar
- G Washer
- H Retaining Screw
- J Body Jaw
- K Slide Jaw
- L Cap Screws

Nos. 52E-53E and 52P-53P WOODWORKERS' VICES



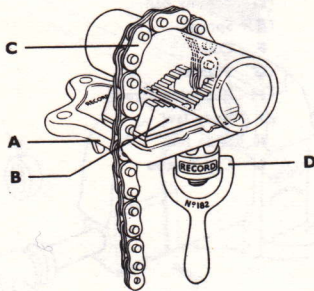
- A Sliding Jaw
 - B Body
 - C Main Screw and Handle
 - D End Bracket
 - E Washers
 - F Pin
 - G Screw Cover
 - H Cover Retaining Screw
 - J Trigger
 - K Trigger Screw
 - L Trigger Spring
 - M Adjusting Nut
 - N Rocker Bar
 - O Half Nut
 - P Nut Guide Bracket
 - R Nut Bracket Screws
 - S Steel Slides
- } E Type only

RECORD



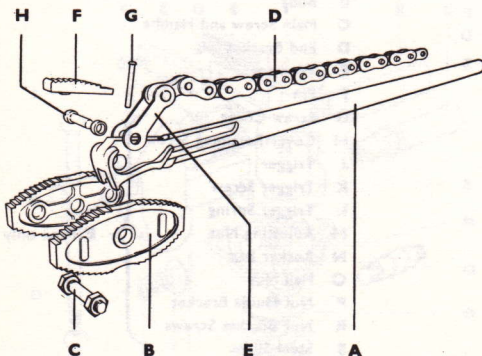
Nos. 91-912 and 192-193 $\frac{1}{2}$ HINGED PIPE VICES

- A Base
- B Frame
- C Main Screw and Handle
- D Locking Hook
- E Jaw Clamps
- F Lower Jaws
- G Upper Jaws
- H Hook Rivet
- J Upper Jaw Bolts & Nuts
- K Lower Jaw Bolts & Nuts
- L Swing Bolt & Nut



Nos. 181-184 CHAIN PATTERN PIPE VICES

- A Base
- B Jaw and Bolts
- C Chain with Screw
- D Handle and Nut

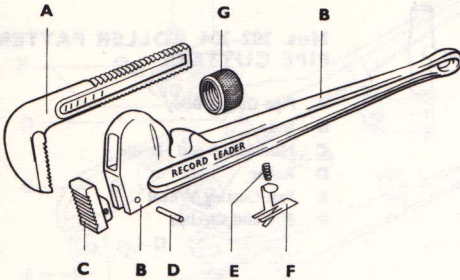


Nos. 230-235 and 216 CHAIN PIPE WRENCHES and 532-535 LEADER CHAIN PIPE TONGS

- A Handle
- B Jaws
- C Jaw Bolts and Nuts (532-535 only)
Studs and Nuts (230-235 only)
- D Chain and Connecting Link
- E Stirrup Link (532-535 only)
- F Centre Jaw (532-535 only)
- G Centre Jaw Rivet (532-535 only)
- H Stirrup Link Pin & Washer (532-535 only)

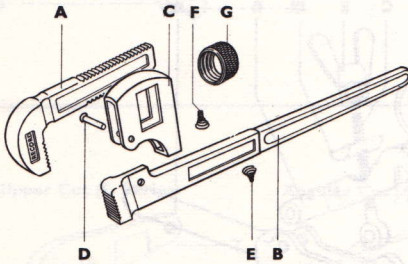
SPARE PARTS

No. 350 LEADER PATTERN WRENCH



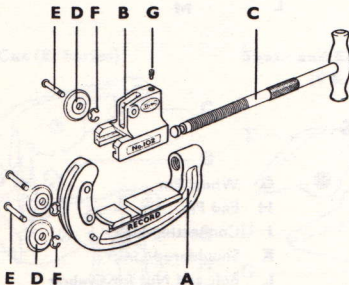
- A Hook Jaw
- B Handle
- C Handle Jaw
- D Handle Jaw Pin
- E Coil Spring
- F Flat Spring
- G Nut

No. 300 STILLSON PATTERN WRENCH



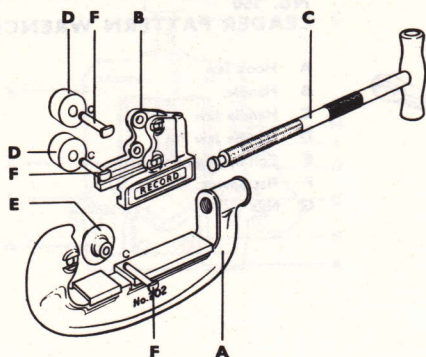
- A Hook Jaw
- B Handle
- C Frame
- D Frame Pin
- E Coil Spring, front
(Leaf Spring on early series)
- F Coil Spring, rear
(Leaf Spring on early series)
Not fitted to sizes 8", 36" and 48"
- G Nut

Nos. 101-107 THREE-WHEEL PATTERN PIPE CUTTERS



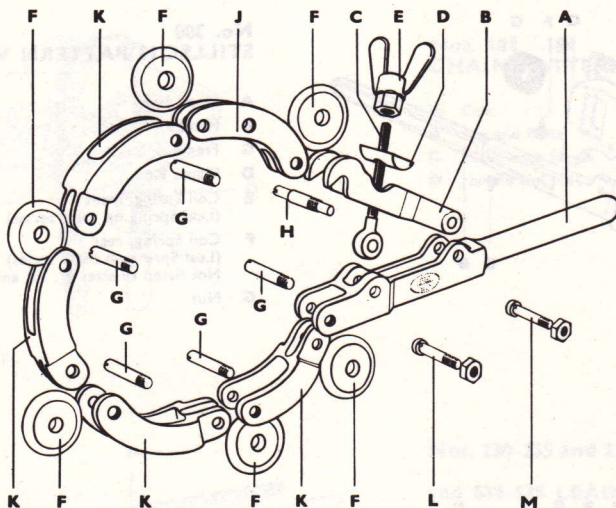
- A Pipe Cutter Body
- B Slide
- C Main Screw and Handle
- D Fast Cutting Wheels
- E Pins
- F Circlips
- G Grubscrew

RECORD



Nos. 202-204 ROLLER PATTERN PIPE CUTTERS

- A Pipe Cutter Body
- B Slide
- C Main Screw and Handle
- D Roller
- E Fast Cutting Wheel
- F Pins and Circlips

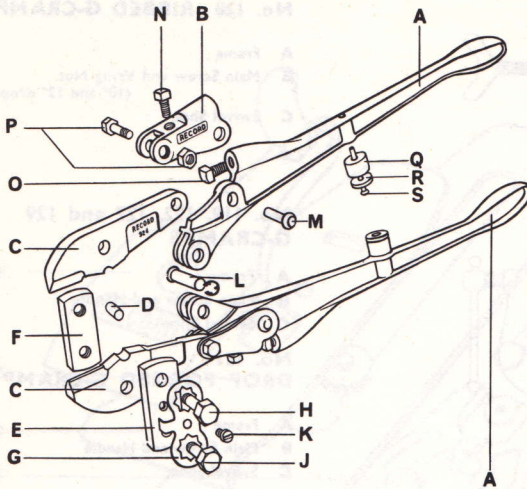


Nos. 045-47 LINK PATTERN PIPE CUTTERS

- A Handle
- B Fork
- C Eyebolt
- D Half-round Washer
- E Wing Nut (Plain Nut on Nos. 46 and 47)
- F Cutting Wheel

- G Wheel Pin
- H End Pin
- J Connecting Link
- K Shouldered Link
- L Bolt and Nut for Eyebolt
- M Bolt and Nut for Fork

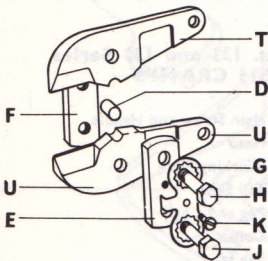
SPARE PARTS



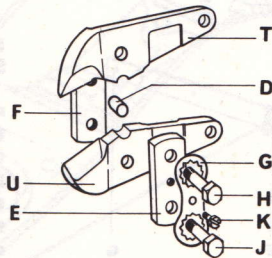
BOLT CUTTER COMPONENT PARTS

- A Handle
- B Adjusting Arm
- C Jaw
- D Jaw Centre Roller
- E Top Strap
- F Bottom Strap
- G Locking Plate
- H Strap Bolt (left hand thread)
- J Strap Bolt (right hand thread)
- K Locking Plate Screw
- L Handle Connecting Pin and Circlip
- M Adjusting Arm Rivet
- N Arm Adjusting Screw
- O Handle Adjusting Screw
- P Connecting Bolt and Nut
- Q Buffer
- R Buffer Washer
- S Buffer Rivet

Clipper Cut (F. Series)



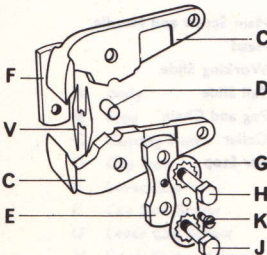
Angular Cut (A. Series)



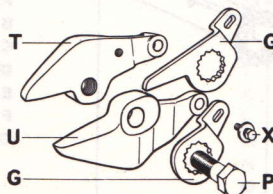
PARTS FOR ALTERNATIVE CUTTER HEADS

- T Jaw—Right Hand, A, F, S and CS Series
- U Jaw—Left Hand, A, F, S and CS Series
- D Jaw Centre Roller
- E Top Strap
- F Bottom Strap
- G Locking Plate
- H Strap Bolt (left hand thread)
- J Strap Bolt (right hand thread)
- K Locking Plate Screw
- V Spring (End Cutter only)
- P Jaw Connecting Bolt (Shear and Cable Shear only)
- X Locking Plate Retaining Screw (Shear and Cable Shear only)

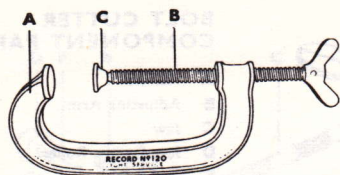
End Cut (E. Series)



Shear and Cable Shear (S & CS Series)

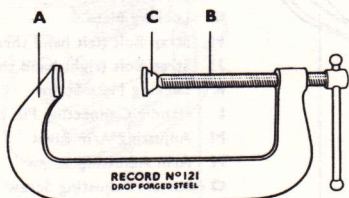


RECORD



No. 120 RIBBED G-CRAMP

- A Frame
- B Main Screw and Wing Nut
(10" and 12" drop handle)
- C Swivel Shoe

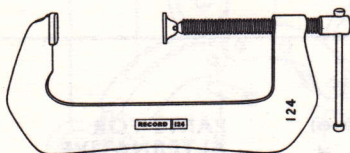


No. 119, 122, 127 and 129 G-CRAMPS

- A Frame
- B Main Screw and Handle
- C Swivel Shoe

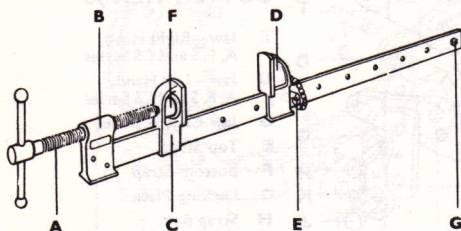
No. 121 DROP FORGED G-CRAMP

- A Frame
- B Main Screw and Handle
- C Swivel Shoe



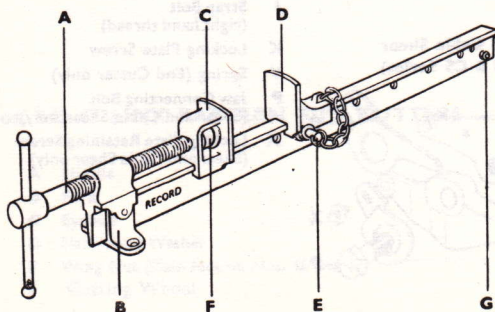
No. 124 HEAVY DUTY G-CRAMP

- A Frame
- B Main Screw and Handle
- C Swivel Shoe



Nos. 135 and 133 Series SASH CRAMPS

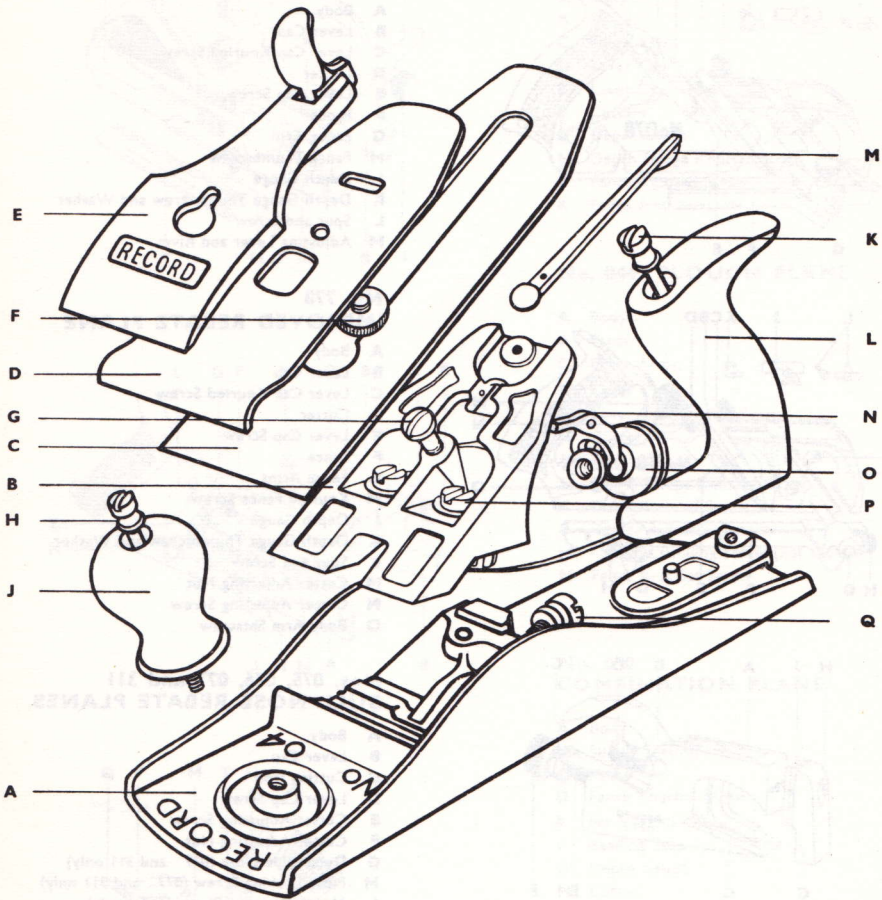
- A Main Screw and Handle
- B Head
- C Working Slide
- D Tail Slide
- E Peg and Chain
- F Collar
- G Bar Stop



Nos. 136 and 138 Series T-BAR CRAMPS

- A Main Screw and Handle
- B Head
- C Working Slide
- D Tail Slide
- E Peg and Chain
- F Collar
- G Bar Stop

SPARE PARTS

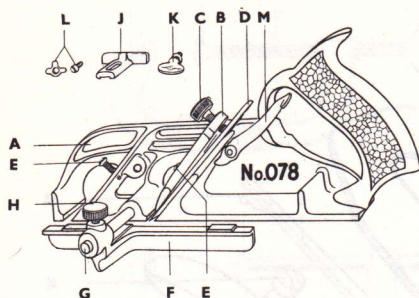


Nos. 03-08 ADJUSTABLE IRON PLANES

- A Body
- B Frog
- C Cutting Iron
- D Cap Iron
- E Lever Cap
- F Cap Iron Screw
- G Lever Cap Screw
- H Knob Nut and Screw

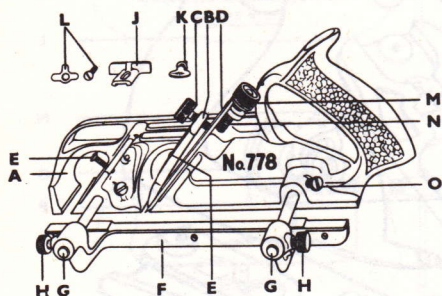
- J Knob
- K Handle Nut and Screw
- L Handle
- M Lateral Adjusting Lever
- N "Y" Adjusting Lever
- O Cutter Adjusting Nut
- P Frog Screws
- Q Frog Adjusting Screw

RECORD



No. 078 DUPLEX REBATE and FILLISTER PLANE

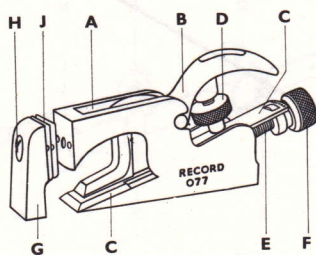
- A Body
- B Lever Cap
- C Lever Cap Knurled Screw
- D Cutter
- E Lever Cap Screw
- F Fence
- G Fence Arm
- H Fence Thumbscrew
- J Depth Gauge
- K Depth Gauge Thumbscrew and Washer
- L Spur and Screw
- M Adjusting Lever and Rivet



No. 778

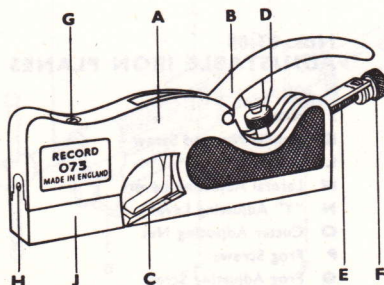
IMPROVED REBATE PLANE

- A Body
- B Lever Cap
- C Lever Cap Knurled Screw
- D Cutter
- E Lever Cap Screw
- F Fence
- G Fence Arms
- H Knurled Fence Screw
- J Depth Gauge
- K Depth Gauge Thumbscrew and Washer
- L Spur and Screw
- M Cutter Adjusting Nut
- N Cutter Adjusting Screw
- O Body Arm Setscrew



Nos. 075, 076, 077 and 311 BULL NOSE REBATE PLANES

- A Body
- B Lever Cap
- C Cutting Iron
- D Lever Cap Screw
- E Cutter Adjusting Screw
- F Cutter Adjusting Nut
- G Detachable Nose (077 and 311 only)
- H Nose Locking Screw (077 and 311 only)
- J Mouth Distance Pieces (077 only)

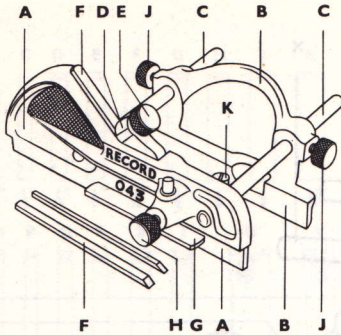


Nos. 041, 042 and 073 SHOULDER REBATE PLANES

- A Body
- B Lever Cap
- C Cutting Iron
- D Lever Cap Screw
- E Cutter Adjusting Screw
- F Cutter Adjusting Nut
- G Mouth Locking Screw and Washer (073 only)
- H Mouth Adjusting Screw (073 only)
- J Mouth Adjusting Slide (073 only)

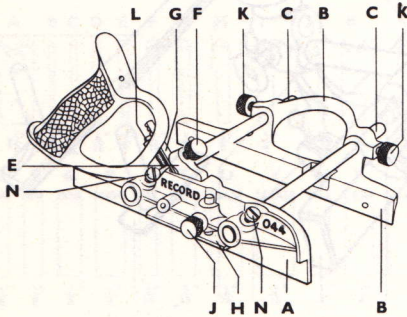
SPARE PARTS

No. 043 PLOUGH PLANE



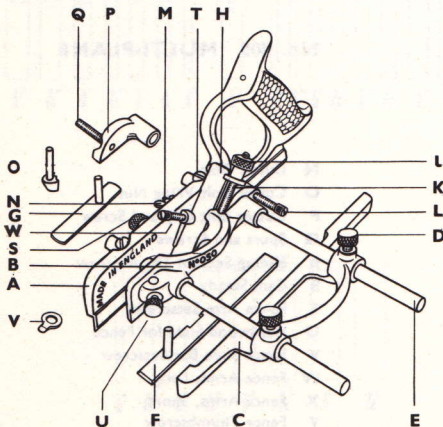
- A Body
- B Fence
- C Fence Arms
- D Lever Cap
- E Lever Cap Screw
- F Cutters
- G Depth Gauge
- H Depth Gauge Knurled Screw
- J Fence Knurled Screw
- K Fence Arm Setscrew

No. 044 PLOUGH PLANE



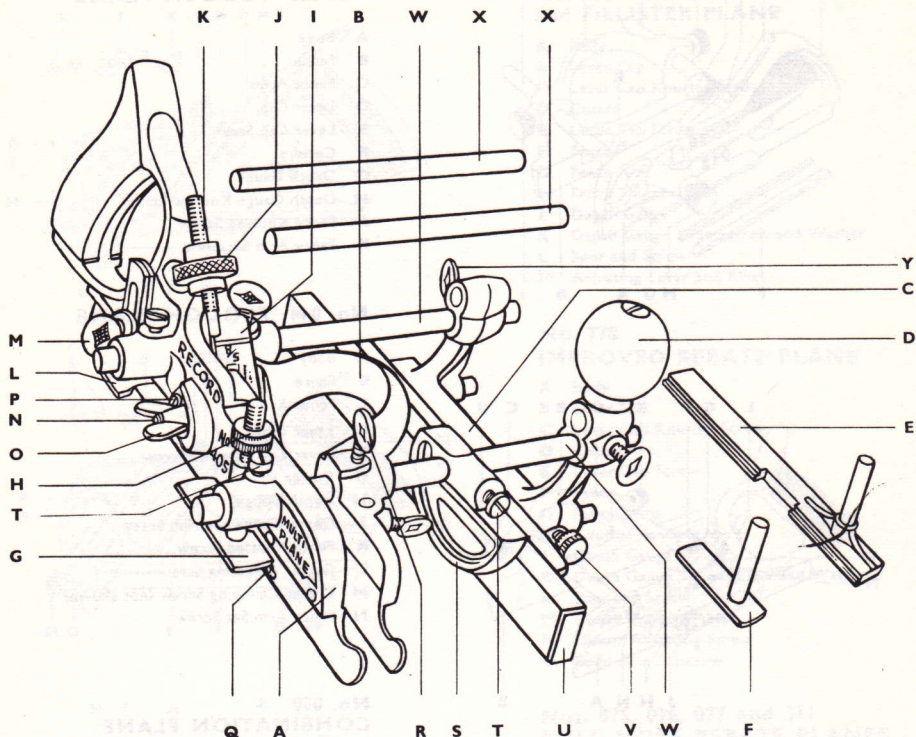
- A Body
- B Fence
- C Fence Arms,
- E Lever Cap
- F Lever Cap Knurled Screw
- G Cutter
- H Depth Gauge
- J Depth Gauge Knurled Screw
- K Fence Knurled Screw
- L Cutter Adjusting Screw
- M Cutter Clamping Screw (not shown)
- N Fence Arm Set Screw

No. 050 COMBINATION PLANE



- A Body
- B Sliding Section
- C Fence
- D Fence Knurled Screw
- E Fence Arms
- F Beading Stop
- G Depth Gauge
- H Cutter
- J Cutter Adjusting Nut
- K Cutter Adjusting Screw
- L Sliding Section Fixing Screw
- M Cutter Bolt
- N Cutter Bolt Wing Nut
- O Shaving Deflector
- P Narrow Cutter Clamping Bracket
- Q Clamping Bracket Bolt
- S Depth Gauge Knurled Screw
- T Fence Arm Set Screw
- U Sliding Section Knurled Screw
- V Spur
- W Cutter Clamping Screw

RECORD

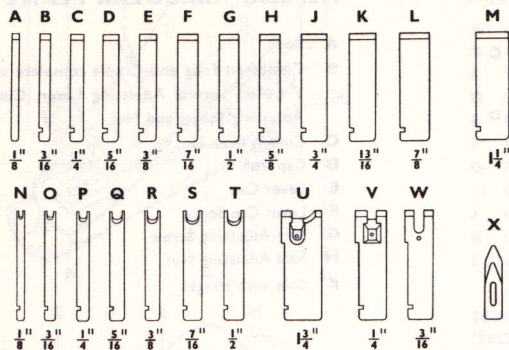


No. 405 MULTI-PLANE

- A Body
- B Sliding Section
- C Fence
- D Fence Knob Bolt and Nut
- E Beading Stop
- F Sliding Section Depth Gauge
- G Adjustable Depth Gauge
- H Depth Gauge Adjusting Nut
- I Cutter
- J Cutter Adjusting Nut
- K Cutter Adjusting Screw
- L Slitting Cutter Stop
- M Slitting Cutter Stop Thumbscrew

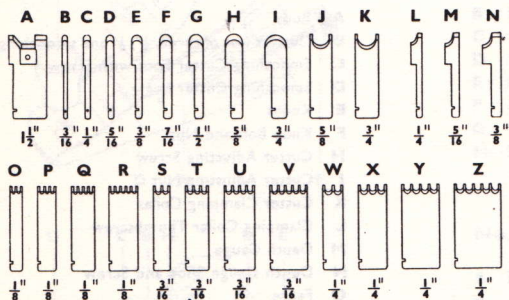
- N Cutter Bolt
- O Cutter Bolt Wing Nut
- P Cutter Bolt Clip and Screw
- Q Spurs and Screws
- R Sliding Section Thumbscrew
- S Cam Steady
- T Fence Arm Setscrews
- U Hardwood Slide for Fence
- V Fence Slide Bar Setscrew
- W Fence Arms, Long
- X Fence Arms, Short
- Y Fence Thumbscrew
- Z Fence Slide Adjusting Screw (not shown)

SPARE PARTS



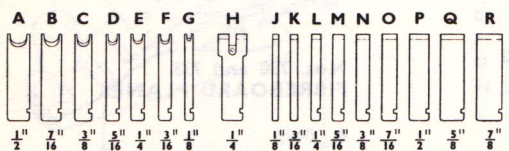
No. 405 MULTI-PLANE STANDARD CUTTERS

- A-L Plough and Dado Cutters
- M Fillister Cutter
- N-T Beading Cutters
- U Sash Cutter
- V & W Matching Cutters
- X Slitting Cutter



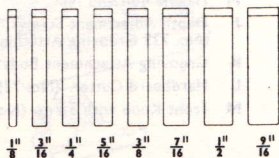
No. 405 MULTI-PLANE ADDITIONAL CUTTERS

- A Sash Cutter
- B-I Fluting Cutters
- J & K Beading Cutters
- L-N Ovolo Cutters
- O-Z Reeding Cutters



No. 050 COMBINATION PLANE CUTTERS

- A-G Beading Cutters
 - H Tonguing Cutter
 - J-R Plough Cutters
- Also available:
Plough Cutters 4, 6, 9 and 12 mm width.
Tonguing Cutters 1/8" and 3/16" widths

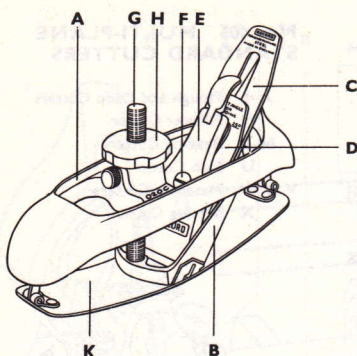


Nos. 044 and 043 PLOUGH PLANE CUTTERS

- 1/8" - 9/16" Plough Cutters (No. 044 only)
- 1/8", 3/16" and 1/4" Plough Cutters (No. 043 only)

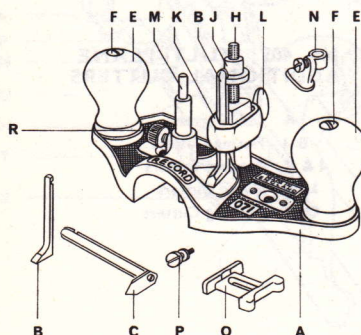
also available:
Plough Cutters 4, 6, 9 and 12 mm widths for use with No. 044.
4 and 6 mm widths for No. 043.

RECORD



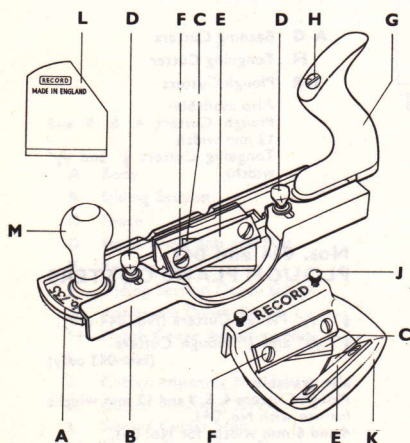
No. 020C CIRCULAR PLANE

- A Body
- B Combined Frog and Cradle complete with Y Lever, Lateral Adjusting Lever, Cutter Adjusting Screw and Nut
- C Cutting Iron
- D Cap Iron
- E Lever Cap
- F Lever Cap Screw
- G Sole Adjusting Screw
- H Sole Adjusting Nut
- K Sole with Hinges



No. 071 ROUTER PLANE

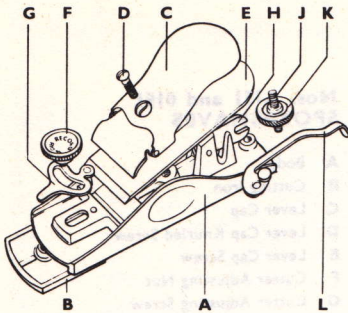
- A Body
- B Cutters (set of three, $\frac{1}{4}$ ", $\frac{1}{2}$ " and smoothing)
- C Smoothing Cutter Foot with Screw
- D Smoothing Cutter Leg
- E Knobs
- F Knob Bolt and Nut
- H Cutter Adjusting Screw
- J Cutter Adjusting Nut
- K Cutter Clamping Collar
- L Clamping Collar Thumbscrew
- M Depth Gauge
- N Depth Gauge Shoe and Screw
- O Fence
- P Fence Screw and Washer
- R Depth Gauge Knurled Screw



Nos. 730 and 735 FIBREBOARD PLANES

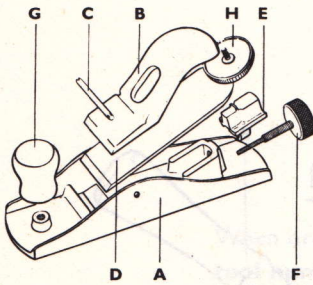
- A Body
- B Fence
- C Cutters (Razor Blade Type)
- D Fence Thumbscrews with Washers
- E Cutter Clamps
- F Cutter Clamp Screws
- G Handle
- H Handle Bolt and Nut
- J Depth Adjustment Screws (No. 735 Grooving Attachment only)
- K Grooving Attachment Body (No. 735 only)
- L Hardboard Cutter (No. 735 only)
- M Front Knob with Screw (No. 735 only)

SPARE PARTS



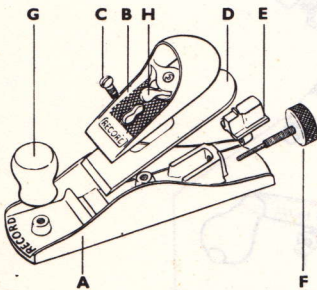
Nos. 09½ and 018 BLOCK PLANES

- A Body
- B Adjustable Mouth Plate
- C Lever Cap Assembly
- D Lever Cap Screw
- E Cutting Iron
- F Mouth Knob Screw
- G Adjustable Mouth Quadrant
- H Cutter Adjusting Lever
- J Cutter Adjusting Screw
- K Cutter Adjusting Nut
- L Lateral Adjusting Lever



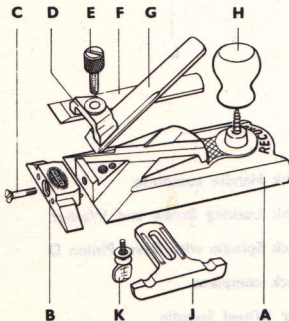
No. 0120 BLOCK PLANE (Includes Nos. 0102, 0110 and 0130)

- A Body
- B Lever Cap
- C Cross Bar Screw
- D Cutting Iron
- E Frog Slide (0120 only)
- F Cutter Adjusting Screw (0120 only)
- G Knob (0110, 0120 and 0130 only)
- H Lever Cap Wheel



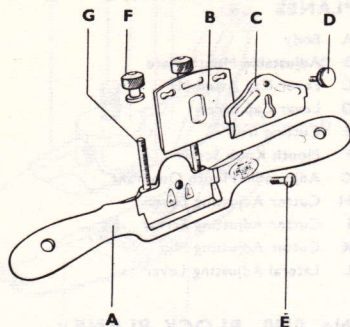
No. 0220 BLOCK PLANE

- A Body
- B Lever Cap
- C Lever Cap Screw
- D Cutting Iron
- E Frog Slide
- F Cutter Adjusting Screw
- G Knob
- H Lever Cap Cam



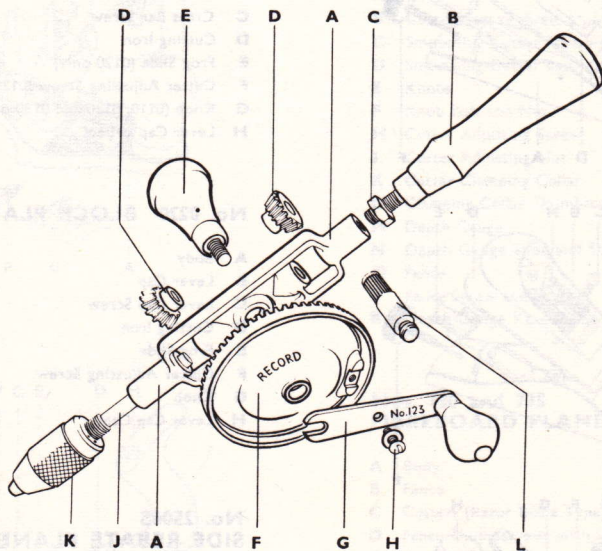
No. 2506S SIDE REBATE PLANE

- A Body
- B Nose
- C Nose Screw
- D Cutter Clamp
- E Cutter Clamp Screw & Washer
- F Cutter (Right Hand)
- G Cutter (Left Hand)
- H Knob
- J Depth Gauge
- K Depth Gauge Thumbscrew & Washer



Nos. A151 and 0151 SPOKESHAVES

- A Body
- B Cutting Iron
- C Lever Cap
- D Lever Cap Knurled Screw
- E Lever Cap Screw
- F Cutter Adjusting Nut
- G Cutter Adjusting Screw



No. 123 HAND DRILL

- A Frame
- B Handle
- C Handle Locking Nut
- E Side Knob
- F Gear Wheel
- G Crank Handle complete
- H Crank Locking Screw and Washer
- J Chuck Spindle with Bevel Pinion D
- K Chuck complete
- L Gear Wheel Spindle

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